small ink drops

hp no. 78 tri-colour inkjet print cartridge

The HP No.78 (c6578ae/de) Tri-colour Inkjet Print Cartridge is designed exclusively for the HP PhotoREt III and Photosmart printers. Major advances in thermal inkjet technology deliver incredibly realistic photo quality images, brilliant fade-resistant colours and the best combination of speed and print quality in every mode.

outstanding print quality

A new, patented printhead design enables the No.78 cartridge to deliver finer drops, at a higher density, faster than any comparable system to give the best print speed in any mode. The HP No.78 features HP PhotoREt III Precision Technology – capable of placing up to 29 ink drops per dot – for totally smooth colour transitions and realistic skin tones. The ink is used efficiently due to the small drop size so less ink is needed.

choice of cartridges for different users

The cartridge is available in two ink capacities, a 19 ml (c6578de) cartridge for low volume or less frequent users, and a higher capacity (38 ml) cartridge (c6578ae) for high volume print users. The light user version produces an average of 450 pages at 15% density, while the standard cartridge will produce approximately 970 pages at 15% density. Both cartridges have the same external dimensions to fit the same printers, with a drop-in/snap-out design for quick, clean and easy replacement.

features	benefits
• designed for use with hp photoret III and hp photosmart printers	• complete printing solution to deliver the best print quality at the fastest speed of any printers in their price range
• patented printhead design and firing technology	• micro-fine, precise droplets provide outstandingly realistic photo quality in best mode on special media, and industry leading print quality on plain paper
• specially formulated dye-based colour inks	• ensures maximum colourfastness without sacrificing the richness of colour range; resists fading twice as long
• ultra fast firing frequency	• enables faster printing
• 136 nozzles per colour	• twice as many nozzles per colour than previous cartridges means faster printing and greater accuracy
• hp photoret III precision technology	• tiny drop sizes and precise software control generates a wider range of directly printable colours for smooth colour transitions and realistic flesh tones
• choice of cartridge sizes	• choose the cartridge best suited to the requirements: light user option for occasional or low volume use, higher capacity version for frequent or high volume use
• on-screen ink gauge	• printer driver software monitors ink level and provides on-screen alert when ink level is low

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frequently asked questions

which printers use the no.78 cartridge?

This cartridge is engineered to work exclusively with the HP PhotoREt III and HP Photosmart printers. As part of the HP RealLife Imaging System, the No.78 cartridge is also designed to work with HP papers and films to deliver incredibly realistic photo images; brilliant, fade-resistant colours; and the best combination of speed and print quality in every print mode.

what are the advantages of hp photoret III precision technology?

HP PhotoREt III uses tiny drop sizes (5 picolitres) and precise software control to place up to 29 ink drops per dot. This generates a wider range of directly printable colours (over 3,500 colours per dot) to give exceptionally smooth colour transitions and realistic flesh tones.

is there anything special about the inks themselves?

Apart from the fact that they are designed as a key part of the entire printing system, the dye-based inks of the No.78 feature improved lightfastness so colours resist fading for more than twice as long as inks in previous inkjet cartridges.

can the no.78 cartridge be used with plain paper?

HP No.78 Tri-colour Inkjet Print Cartridges will deliver outstanding print quality on any paper, plain or special. On standard office paper, the No.78 produces industry-leading image quality; using special HP media and 'best' mode, incredibly realistic photo quality results can be achieved

product specifications

p/n	c6578ae	c6578de
hp selection no.	78	78
description	hp tri-colour inkjet print cartridge (high capacity)	hp tri-colour inkjet print cartridge (light user)
ink volume	38ml	19ml
yield at 15% density	approx 970 pages	approx 450 pages
no. of nozzles	408 (136 per colour)	408 (136 per colour)
print resolution	hp photoret III (2400 x 1200 dpi available)	hp photoret III (2400 x 1200 dpi available)
dimensions (l x w x d)	117.6 x 42.2 x 156.6 mm	117.6 x 42.2 x 156.6 mm
wt.	203 g	169 g