

Converting Colors

Hex(78004F)

Have a look what the booklet for
Hex(78004F) contains.

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Color

Hex(78004F)

Conversions

Conversions Part 1

Format	Color
Hex	78004F
RGB	120, 0, 79
RGB Percent	47%, 0%, 31%
CMY	0.5294, 1.0000, 0.6902
CMYK	0.00, 1.00, 0.34, 0.53
HSL	320°, 100%, 24%
HSV	320°, 100%, 47%
XYZ	9.1570, 4.5576, 7.7942
YIQ	44.8860, 46.1610, 50.0090

Conversions

Conversions Part 2

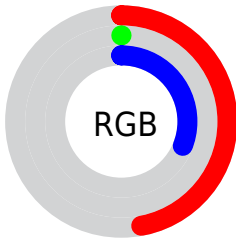
Format	Color
R_{YB}	120, 0, 79
Decimal	7864399
CIE _{Lab}	25.44, 50.61, -11.60
CIE _{LCh}	25, 51.927, 347.089
Yxy	4.5576, 0.4257, 0.2119
Android (android.graphics.Color)	4286054479 (0xFF78004F)
YUV	44.8860, 16.8182, 65.8750
Hunter-Lab	21.3485, 39.2041, -6.7025

Details

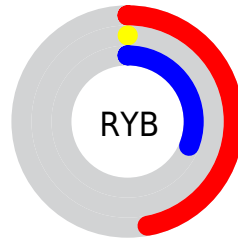
The Hex color **78004F** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **007829**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **B04380**, and **420023** is the 20% darker color. If you saturate the color by 10%, you get **78004F**, and if you desaturate by 10%, it is **780C53**.

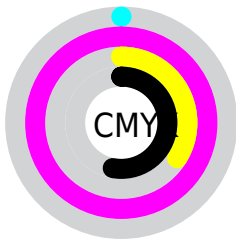
Distribution



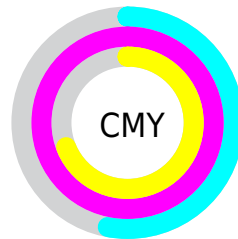
- Red (47%)
- Green (0%)
- Blue (31%)



- Red (47%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (34%)
- Black (53%)



- Cyan (53%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78004F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 78004F by changing the saturation by 10% instead.

 78004F

 78004F

FFFFFF

 5D0038

 B04380

 420023

 CD5E9A

 2A000A

 EA79B5

 000000

 FF94D1

 FFB0ED

 FFCDFD

 FFEAFF

 78004F

 780C53

 781857

 78245B

 78305F

 783C63

 784868

 78546C

 786070

 786C74

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



582473



78004F



7F0028

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78004F



364100



004B76

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



78004F



007829

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



004D52



78004F



004800

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78004F



593400



004B29



00468A

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78004F



78150E



004B29



004C6B

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



78004F



9C6D8C



280078



4F3345



CFCFCF



4F4F4F

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78004F



9C0066



780014



3D373B



7D0052



FC00A6

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



78004F



9C0066



007864



3D373B



7D0052



FC00A6

Previews

White Background



This preview shows how the Hex color 78004F looks on a white background.

Color Contrast Check

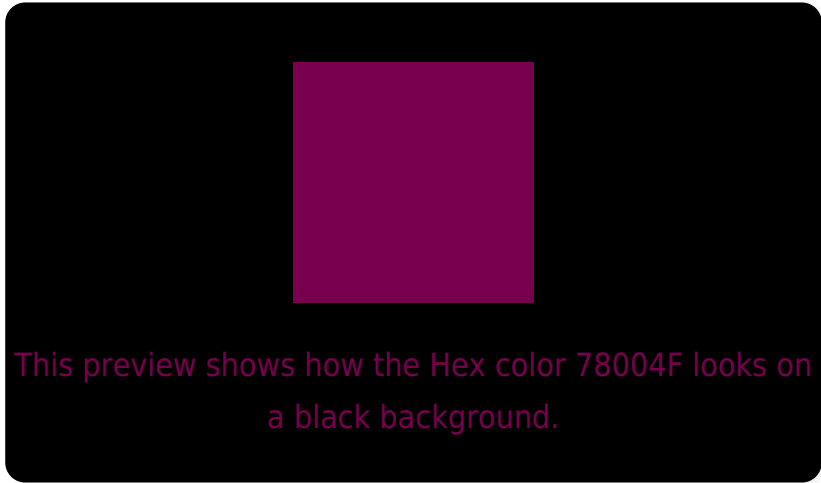
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 78004F Background



This preview shows how black text looks on a background with the Hex color 78004F.



This preview shows how white text looks on a background with the Hex color 78004F.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
78004F

Protanomaly
462765

Deuteranomaly
56274C

Tritanomaly
761431

Monochromacy



Original Color
78004F

Achromatopsia
2D2D2D

Achromatomaly
481D39

CSS Examples

Text

The CSS property to change the color of the text to Hex 78004F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #78004F looks like.

```
.text, #text, p{  
    color:#78004F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #78004F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78004F
}
```

Border

The CSS property to change the border of an element to Hex 78004F is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#78004F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#78004F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #78004F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78004F; -webkit-box-shadow:4px 4px  
4px 4px #78004F; box-shadow:4px 4px 4px  
4px #78004F }
```

Background

The CSS property to change the background color of an element to Hex 78004F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78004F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#78004F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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