

Converting Colors

Hex(780047)

Have a look what the booklet for
Hex(780047) contains.

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Color

Hex(780047)

Conversions

Conversions Part 1

Format	Color
Hex	780047
RGB	120, 0, 71
RGB Percent	47%, 0%, 28%
CMY	0.5294, 1.0000, 0.7216
CMYK	0.00, 1.00, 0.41, 0.53
HSL	324°, 100%, 24%
HSV	324°, 100%, 47%
XYZ	8.8831, 4.4480, 6.3516
YIQ	43.9740, 48.7290, 47.5210

Conversions

Conversions Part 2

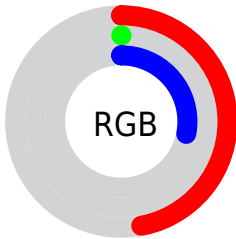
Format	Color
RYB	120, 0, 71
Decimal	7864391
CIELab	25.10, 49.75, -6.70
CIElCh	25, 50.198, 352.326
Yxy	4.4480, 0.4513, 0.2260
Android (android.graphics.Color)	4286054471 (0xFF780047)
YUV	43.9740, 13.3238, 66.6748
Hunter-Lab	21.0903, 38.2748, -3.0927

Details

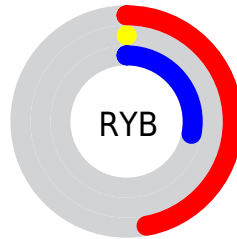
The Hex color **780047** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **007831**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **B04377**, and **42001C** is the 20% darker color. If you saturate the color by 10%, you get **780047**, and if you desaturate by 10%, it is **780C4C**.

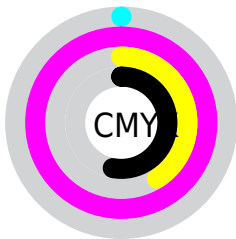
Distribution



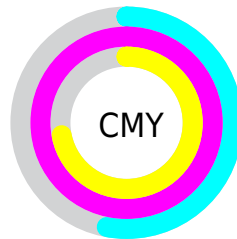
- Red (47%)
- Green (0%)
- Blue (28%)



- Red (47%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (41%)
- Black (53%)



- Cyan (53%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 780047 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 780047 by changing the saturation by 10% instead.

 780047

 780047

FFFFFF

 5D0031

 B04377

 42001C

 CD5E91

 290001

 EB79AB

 000000

 FF94C7

 FFB0E3

 FFCCFF

 FFE9FF

 780047

 780C4C

 781851

 782456

 78305B

 783C60

 784864

 785469

 78606E

 786C73

Harmonies

Analogous

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



5E206B



780047



7B0622

Triad

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



780047



2F4200



004A78

Complementary

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



780047



007831

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.



004B58



780047



004804

Square

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



780047



523700



004B30



004388

Rectangle

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



780047



731B07



004B30



004B6E

Sweetspot

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



780047



9C6D88



300078



4F3343



CFCFCF



4F4F4F

Same Dimension

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



780047



9C005C



78000C



3D373B



7D004A



FC0095

Inverse Universe

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



780047



9C005C



00786C



3D373B



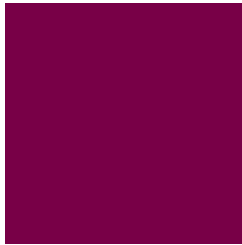
7D004A



FC0095

Previews

White Background



This preview shows how the Hex color 780047 looks on a white background.

Color Contrast Check

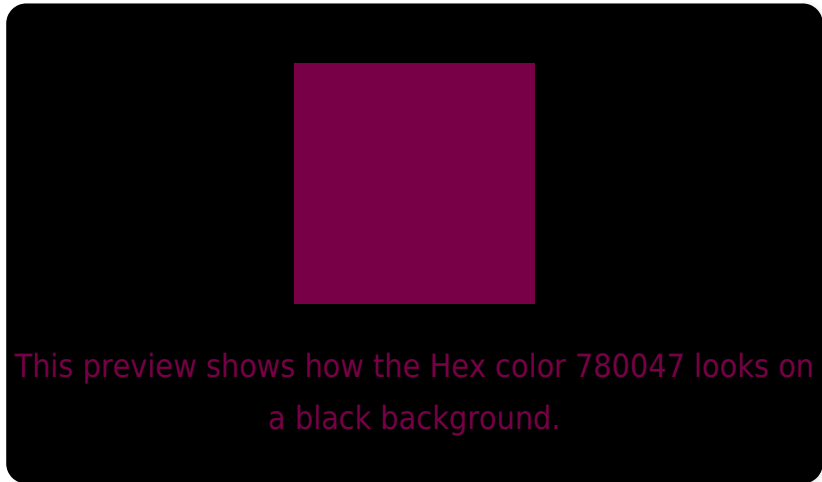
Large Text (above 18pt) WCAG AA ✓ Pass

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

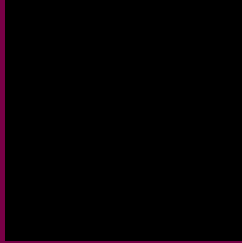
Any Text WCAG AA × Fail

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 780047 Background



This preview shows how black text looks on a background with the Hex color 780047.

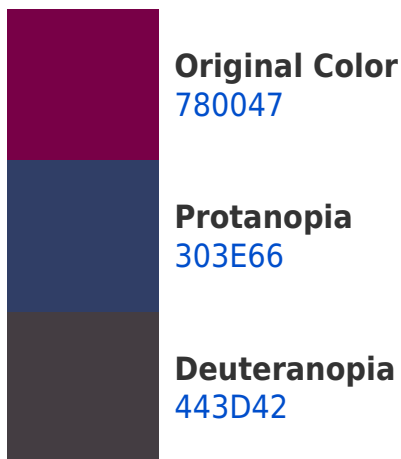


This preview shows how white text looks on a background with the Hex color 780047.

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
780047

Protanomaly
4A275B

Deuteranomaly
572744

Tritanomaly
77122C

Monochromacy



Original Color
780047

Achromatopsia
2C2C2C

Achromatomaly
481C36

CSS Examples

Text

The CSS property to change the color of the text to Hex 780047 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 #780047 looks like.

```
.text, #text, p{  
    color:#780047  
}
```

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 #780047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #780047
}
```

Border

The CSS property to change the border of an element to Hex 780047 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
#780047 }
```

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

```
.border{ border-color:#780047 }
```

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

Here you see how a box with a 4 pixel #780047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #780047; -webkit-box-shadow:4px 4px  
4px 4px #780047; box-shadow:4px 4px 4px  
4px #780047 }
```

Background

The CSS property to change the background color of an element to Hex 780047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#780047 }
```

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

```
.background{ background-color:#780047 }
```

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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