

Converting Colors

Hex(780075)

Have a look what the booklet for
Hex(780075) contains.

Hex(780075)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(780075)

Conversions

Conversions Part 1

Format	Color
Hex	780075
RGB	120, 0, 117
RGB Percent	47%, 0%, 46%
CMY	0.5294, 1.0000, 0.5412
CMYK	0.00, 1.00, 0.03, 0.53
HSL	302°, 100%, 24%
HSV	302°, 100%, 47%
XYZ	10.9566, 5.2774, 17.2708
YIQ	49.2180, 33.9630, 61.8270

Conversions

Conversions Part 2

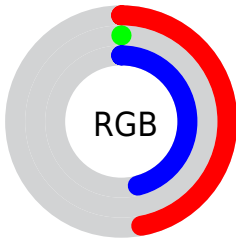
Format	Color
RYB	120, 0, 117
Decimal	7864437
CIELab	27.51, 55.79, -33.24
CIElCh	28, 64.947, 329.212
Yxy	5.2774, 0.3270, 0.1575
Android (android.graphics.Color)	4286054517 (0xFF780075)
YUV	49.2180, 33.4165, 62.0758
Hunter-Lab	22.9726, 44.9320, -28.4933

Details

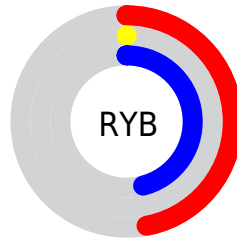
The Hex color **780075** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **007803**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **B046AA**, and **430044** is the 20% darker color. If you saturate the color by 10%, you get **780075**, and if you desaturate by 10%, it is **780C75**.

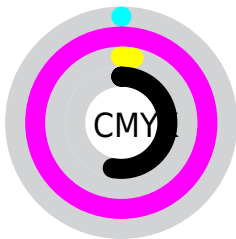
Distribution



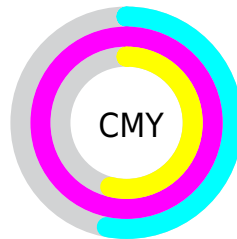
- Red (47%)
- Green (0%)
- Blue (46%)



- Red (47%)
- Yellow (0%)
- Blue (46%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (53%)



- Cyan (53%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 780075 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 780075 by changing the saturation by 10% instead.

 780075

 780075

FFFFFF

 5D005C

 B046AA

 430044

 CC61C5

 2B002D

 EA7CE1

 000017

 FF98FE

 000000

 FFB4FF

 FFD0FF

 FFEDFF

 780075

 780C75

 781876

 782476

 783076

 783C76

 784877

 785477

 786077

 786C78

Harmonies

Analogous

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



2A349A



780075



920045

Triad

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



780075



523F00



005471

Complementary

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



780075



007803

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.



00543E



780075



1D4B00

Square

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



780075



772600



005102



005298

Rectangle

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



780075



920024



005102



005461

Sweetspot

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



780075



9C6D9A



020078



4F334E



CFCFCF



4F4F4F

Same Dimension

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



780075



9C0098



78003A



3D373D



7D007A



FC00F6

Inverse Universe

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



780075



9C0098



00783E



3D373D



7D007A



FC00F6

Previews

White Background



This preview shows how the Hex color 780075 looks on a white background.

Color Contrast Check

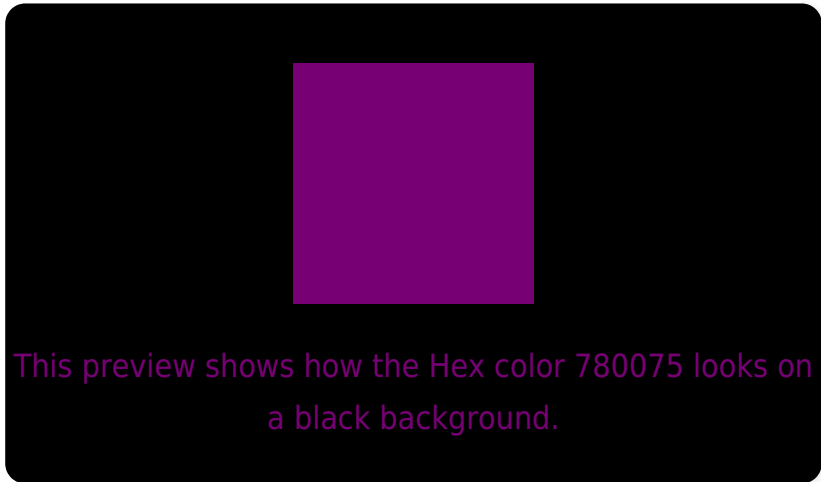
Large Text (above 18pt) WCAG AA ✓ Pass

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

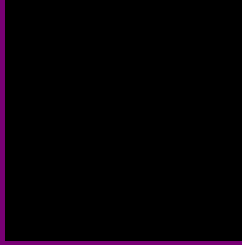
Any Text WCAG AA × Fail

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 780075 Background



This preview shows how black text looks on a background with the Hex color 780075.



This preview shows how white text looks on a background with the Hex color 780075.

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





Tritanopia
712E31

Trichromacy



Original Color
780075

Protanomaly
2C2A84

Deuteranomaly
482C71

Tritanomaly
741D4A

Monochromacy



Original Color
780075

Achromatopsia
313131

Achromatomaly
4B1F4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 780075 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 #780075 looks like.

```
.text, #text, p{  
    color:#780075  
}
```

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 #780075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #780075
}
```

Border

The CSS property to change the border of an element to Hex 780075 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
#780075 }
```

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

```
.border{ border-color:#780075 }
```

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

Here you see how a box with a 4 pixel #780075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #780075; -webkit-box-shadow:4px 4px  
4px 4px #780075; box-shadow:4px 4px 4px  
4px #780075 }
```

Background

The CSS property to change the background color of an element to Hex 780075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#780075 }
```

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

```
.background{ background-color:#780075 }
```

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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