

Converting Colors

Hex(780035)

Have a look what the booklet for
Hex(780035) contains.

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Color

Hex(780035)

Conversions

Conversions Part 1

Format	Color
Hex	780035
RGB	120, 0, 53
RGB Percent	47%, 0%, 21%
CMY	0.5294, 1.0000, 0.7922
CMYK	0.00, 1.00, 0.56, 0.53
HSL	334°, 100%, 24%
HSV	334°, 100%, 47%
XYZ	8.3883, 4.2501, 3.7464
YIQ	41.9220, 54.5070, 41.9230

Conversions

Conversions Part 2

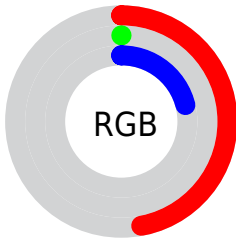
Format	Color
R_{YB}	120, 0, 53
Decimal	7864373
CIE _{Lab}	24.48, 48.12, 4.75
CIE _{LCh}	24, 48.356, 5.632
Yxy	4.2501, 0.5120, 0.2594
Android (android.graphics.Color)	4286054453 (0xFF780035)
YUV	41.9220, 5.4615, 68.4744
Hunter-Lab	20.6158, 36.5520, 3.6566

Details

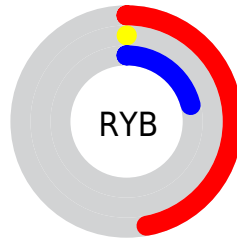
The Hex color **780035** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **007843**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **B14263**, and **420007** is the 20% darker color. If you saturate the color by 10%, you get **780035**, and if you desaturate by 10%, it is **780C3C**.

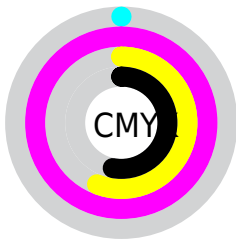
Distribution



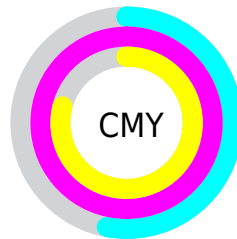
- Red (47%)
- Green (0%)
- Blue (21%)



- Red (47%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (100%)
- Yellow (56%)
- Black (53%)



- Cyan (53%)
- Magenta (100%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 780035 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 780035 by changing the saturation by 10% instead.

 780035

 780035

FFFFFF

 5C0020

 B14263

 420007

 CF5D7C

 260001

 EC7796

 000000

 FF93B0

 FFAECC

 FFCBE8

 FFE7FF

 780035

 780C3C

 781842

 782449

 783050

 783C56

 78485D

 785464

 78606B

 786C71

Harmonies

Analogous

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



6A1459



780035



731612

Triad

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



780035



1B4300



00467D

Complementary

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



780035



007843

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.



004964



780035



00481A

Square

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



780035



423B00



004940



003D84

Rectangle

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



780035



672600



004940



004776

Sweetspot

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



780035



9C6D81



420078



4F333F



CFCFCF



4F4F4F

Same Dimension

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



780035



9C0045



780600



3D373A



7D0037



FC006F

Inverse Universe

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



780035



9C0045



007278



3D373A



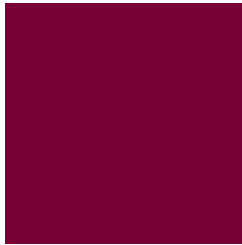
7D0037



FC006F

Previews

White Background



This preview shows how the Hex color 780035 looks on a white background.

Color Contrast Check

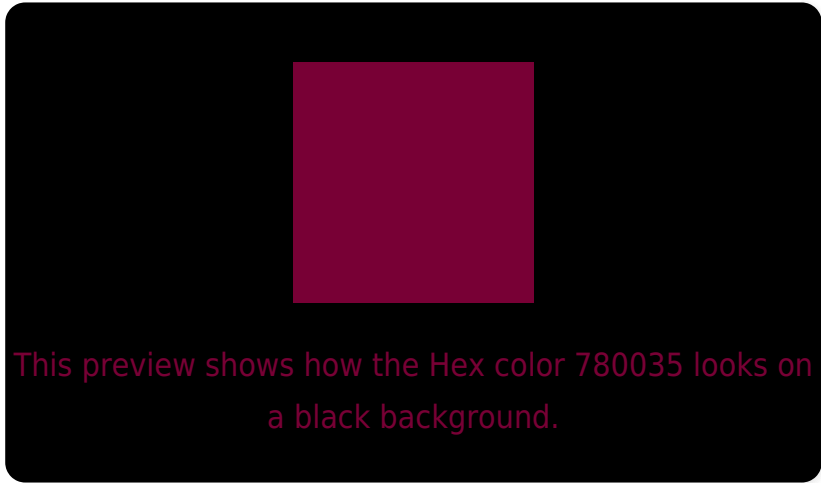
Large Text (above 18pt) WCAG AA ✓ Pass

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

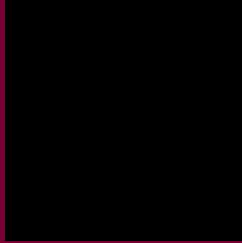
Any Text WCAG AA × Fail

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 780035 Background



This preview shows how black text looks on a background with the Hex color 780035.

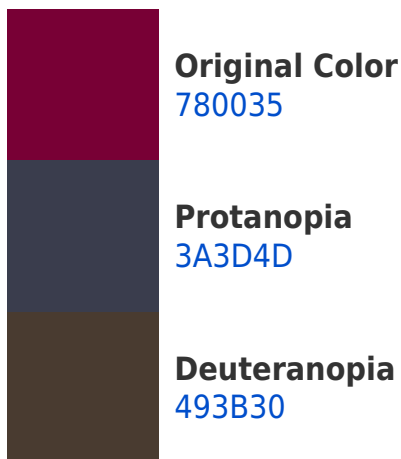


This preview shows how white text looks on a background with the Hex color 780035.

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
780035

Protanomaly
512744

Deuteranomaly
5A2632

Tritanomaly
770D21

Monochromacy



Original Color
780035

Achromatopsia
2A2A2A

Achromatomaly
461B2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 780035 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 #780035 looks like.

```
.text, #text, p{  
    color:#780035  
}
```

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 #780035 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #780035
}
```

Border

The CSS property to change the border of an element to Hex 780035 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
#780035 }
```

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

```
.border{ border-color:#780035 }
```

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

Here you see how a box with a 4 pixel #780035 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #780035; -webkit-box-shadow:4px 4px  
4px 4px #780035; box-shadow:4px 4px 4px  
4px #780035 }
```

Background

The CSS property to change the background color of an element to Hex 780035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#780035 }
```

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

```
.background{ background-color:#780035 }
```

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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