

Converting Colors

Hex(600048)

Have a look what the booklet for
Hex(600048) contains.

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Color

Hex(600048)

Conversions

Conversions Part 1

Format	Color
Hex	600048
RGB	96, 0, 72
RGB Percent	38%, 0%, 28%
CMY	0.6235, 1.0000, 0.7176
CMYK	0.00, 1.00, 0.25, 0.62
HSL	315°, 100%, 19%
HSV	315°, 100%, 38%
XYZ	5.9936, 2.9547, 6.3853
YIQ	36.9120, 34.1040, 42.7440

Conversions

Conversions Part 2

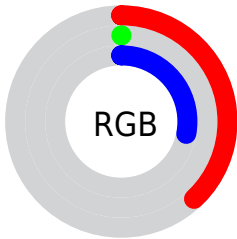
Format	Color
RYB	96, 0, 72
Decimal	6291528
CIELab	19.86, 44.44, -15.87
CIElCh	20, 47.189, 340.345
Yxy	2.9547, 0.3909, 0.1927
Android (android.graphics.Color)	4284481608 (0xFF600048)
YUV	36.9120, 17.2984, 51.8202
Hunter-Lab	17.1892, 32.1588, -9.9922

Details

The Hex color **600048** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006018**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **963D79**, and **30001D** is the 20% darker color. If you saturate the color by 10%, you get **600048**, and if you desaturate by 10%, it is **600A4A**.

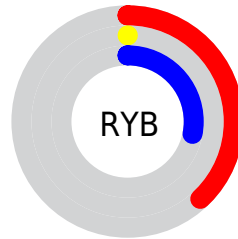
Distribution



Red (38%)

Green (0%)

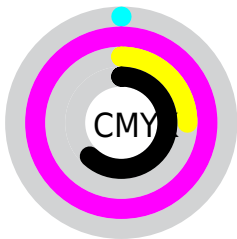
Blue (28%)



Red (38%)

Yellow (0%)

Blue (28%)

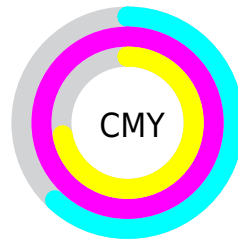


Cyan (0%)

Magenta (100%)

Yellow (25%)

Black (62%)



Cyan (62%)

Magenta (100%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 600048 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 600048 by changing the saturation by 10% instead.

 600048

 600048

 FFFCFF

 460031

 963D79

 30001D

 B25792

 020000

 CE71AD

 000000

 EB8CC9

 FFA7E5

 FFC3FF

 FFDFFF

 600048

 600A4A

 60134D

 601D4F

 602652

 603054

 603A56

 604359

 604D5B

 60565E

Harmonies

Analogous

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



3E1F65



600048



6A0026

Triad

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



600048



323200



003E5C

Complementary

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



600048



006018

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.



003E3C



600048



053900

Square

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



600048



4E2600



003D17



003A72

Rectangle

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



600048



67030F



003D17



003E52

Sweetspot

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



600048



7D5774



180060



40293A



BFBFBF



404040

Same Dimension

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



600048



7D005E



600018



302C2F



700054



F000B4

Inverse Universe

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



600048



7D005E



006048



302C2F



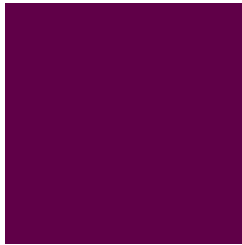
700054



F000B4

Previews

White Background



This preview shows how the Hex color 600048 looks on a white background.

Color Contrast Check

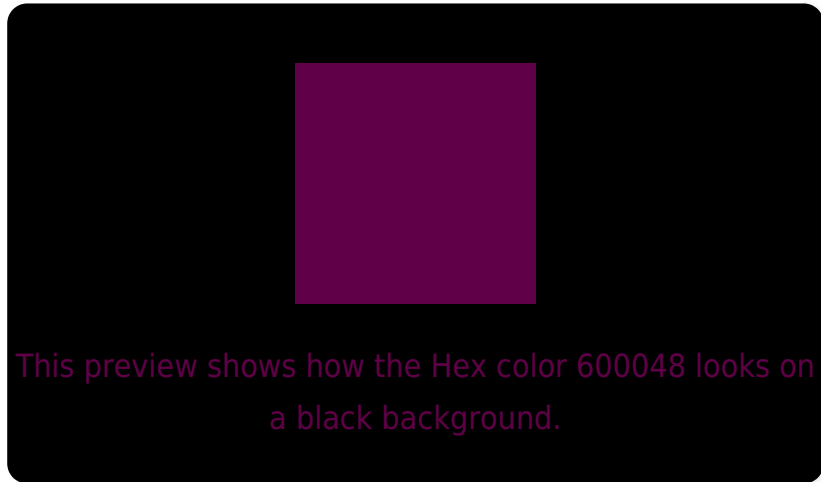
Large Text (above 18pt) WCAG AA ✓ Pass

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

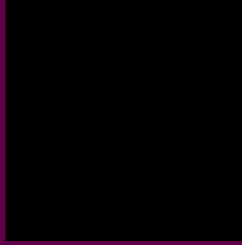
Any Text WCAG AA × Fail

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 600048 Background



This preview shows how black text looks on a background with the Hex color 600048.

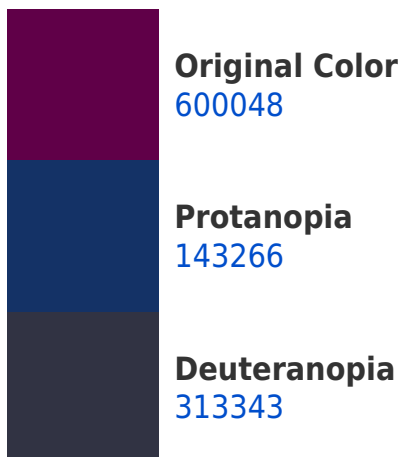


This preview shows how white text looks on a background with the Hex color 600048.

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



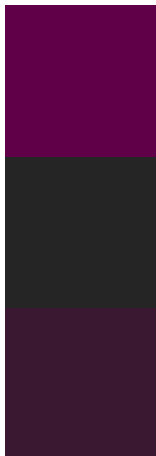
Original Color
600048

Protanomaly
30205B

Deuteranomaly
422045

Tritanomaly
5E122D

Monochromacy



Original Color
600048

Achromatopsia
252525

Achromatomaly
3A1832

CSS Examples

Text

The CSS property to change the color of the text to Hex 600048 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 #600048 looks like.

```
.text, #text, p{  
    color:#600048  
}
```

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 #600048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #600048
}
```

Border

The CSS property to change the border of an element to Hex 600048 is called "border". The border property can be set on classes, ids or directly on the HTML element.

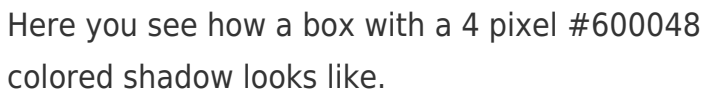
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#600048 }
```

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

```
.border{ border-color:#600048 }
```

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



Here you see how a box with a 4 pixel #600048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #600048; -webkit-box-shadow:4px 4px  
4px 4px #600048; box-shadow:4px 4px 4px  
4px #600048 }
```

Background

The CSS property to change the background color of an element to Hex 600048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#600048 }
```

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

```
.background{ background-color:#600048 }
```

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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