

Converting Colors

Hex(6C0040)

Have a look what the booklet for
Hex(6C0040) contains.

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Color

Hex(6C0040)

Conversions

Conversions Part 1

Format	Color
Hex	6C0040
RGB	108, 0, 64
RGB Percent	42%, 0%, 25%
CMY	0.5765, 1.0000, 0.7490
CMYK	0.00, 1.00, 0.41, 0.58
HSL	324°, 100%, 21%
HSV	324°, 100%, 42%
XYZ	7.1098, 3.5583, 5.1626
YIQ	39.5880, 43.8240, 42.8000

Conversions

Conversions Part 2

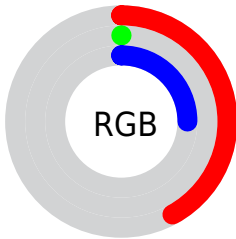
Format	Color
R_{YB}	108, 0, 64
Decimal	7077952
CIE _{Lab}	22.15, 46.22, -6.61
CIE _{LCh}	22, 46.686, 351.866
Yxy	3.5583, 0.4491, 0.2248
Android (android.graphics.Color)	4285268032 (0xFF6C0040)
YUV	39.5880, 12.0351, 59.9973
Hunter-Lab	18.8635, 34.2666, -3.0221

Details

The Hex color **6C0040** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006C2C**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **A33F70**, and **390016** is the 20% darker color. If you saturate the color by 10%, you get **6C0040**, and if you desaturate by 10%, it is **6C0B44**.

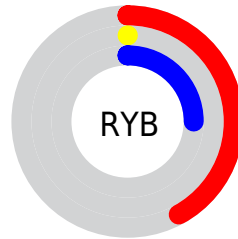
Distribution



Red (42%)

Green (0%)

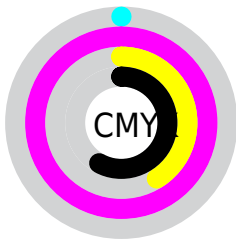
Blue (25%)



Red (42%)

Yellow (0%)

Blue (25%)

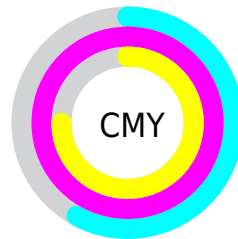


Cyan (0%)

Magenta (100%)

Yellow (41%)

Black (58%)



Cyan (58%)

Magenta (100%)

Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6C0040 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 6C0040 by changing the saturation by 10% instead.

 6C0040

 6C0040

FFFFFF

 51002A

 A33F70

 390016

 C05A89

 190001

 DD74A3

 000000

 FB8FBE

 FFABDA

 FFC7F7

 FFE3FF

 6C0040

 6C0B44

 6C1649

 6C204D

 6C2B52

 6C3656

 6C415A

 6C4C5F

 6C5663

 6C6168

Harmonies

Analogous

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



541C60



6C0040



6F041E

Triad

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



6C0040



2B3B00



00426C

Complementary

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



6C0040



006C2C

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.



00434E



6C0040



004002

Square

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



6C0040



4A3000



00432A



003C7B

Rectangle

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



6C0040



681704



00432A



004363

Sweetspot

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



6C0040



8C627B



2B006C



472E3D



C7C7C7



474747

Same Dimension

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



6C0040



8C0053



6C000B



363033



750046



F50091

Inverse Universe

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



6C0040



8C0053



006C61



363033



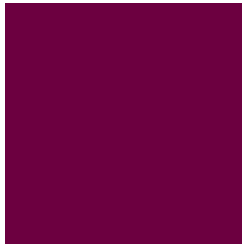
750046



F50091

Previews

White Background



This preview shows how the Hex color 6C0040 looks on a white background.

Color Contrast Check

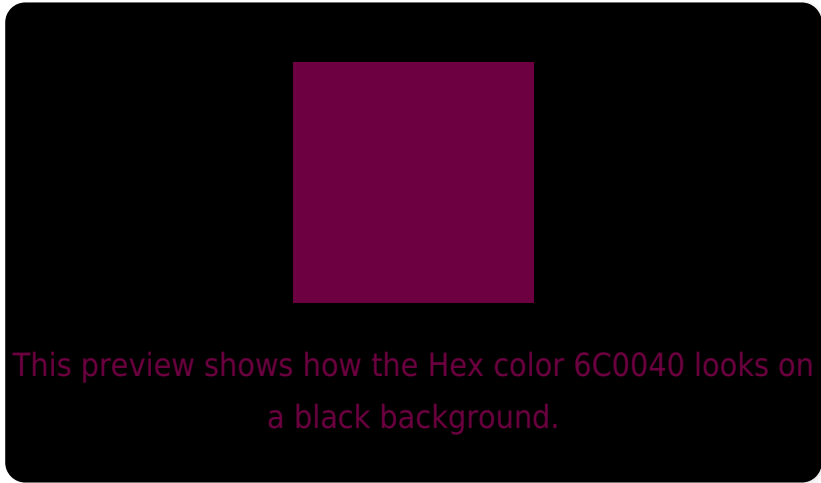
Large Text (above 18pt) WCAG AA ✓ Pass

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

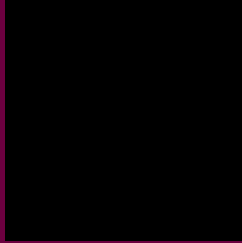
Any Text WCAG AA × Fail

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 6C0040 Background



This preview shows how black text looks on a background with the Hex color 6C0040.



This preview shows how white text looks on a background with the Hex color 6C0040.

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
6A191A

Trichromacy



Original Color
6C0040

Protanomaly
432452

Deuteranomaly
4E233D

Tritanomaly
6B1028

Monochromacy



Original Color
6C0040

Achromatopsia
282828

Achromatomaly
411931

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C0040 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 #6C0040 looks like.

```
.text, #text, p{  
    color:#6C0040  
}
```

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 #6C0040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C0040
}
```

Border

The CSS property to change the border of an element to Hex 6C0040 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".

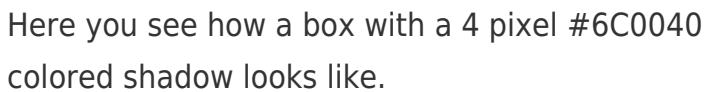
```
.border, #border, table{ border:4px solid
#6C0040 }
```

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

```
.border{ border-color:#6C0040 }
```

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

Here you see how a box with a 4 pixel #6C0040 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C0040; -webkit-box-shadow:4px 4px  
4px 4px #6C0040; box-shadow:4px 4px 4px  
4px #6C0040 }
```

Background

The CSS property to change the background color of an element to Hex 6C0040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C0040 }
```

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

```
.background{ background-color:#6C0040 }
```

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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