

Converting Colors

Hex(6C003F)

Have a look what the booklet for
Hex(6C003F) contains.

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Color

Hex(6C003F)

Conversions

Conversions Part 1

Format	Color
Hex	6C003F
RGB	108, 0, 63
RGB Percent	42%, 0%, 25%
CMY	0.5765, 1.0000, 0.7529
CMYK	0.00, 1.00, 0.42, 0.58
HSL	325°, 100%, 21%
HSV	325°, 100%, 42%
XYZ	7.0815, 3.5470, 5.0140
YIQ	39.4740, 44.1450, 42.4890

Conversions

Conversions Part 2

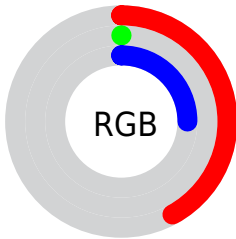
Format	Color
RYB	108, 0, 63
Decimal	7077951
CIELab	22.11, 46.11, -5.97
CIELCh	22, 46.497, 352.618
Yxy	3.5470, 0.4527, 0.2268
Android (android.graphics.Color)	4285268031 (0xFF6C003F)
YUV	39.4740, 11.5983, 60.0973
Hunter-Lab	18.8336, 34.1585, -2.6012

Details

The Hex color **6C003F** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006C2D**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **A33F6F**, and **390015** is the 20% darker color. If you saturate the color by 10%, you get **6C003F**, and if you desaturate by 10%, it is **6C0B43**.

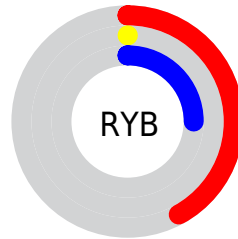
Distribution



Red (42%)

Green (0%)

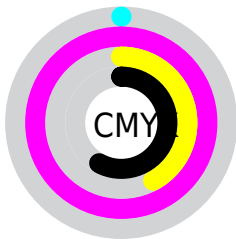
Blue (25%)



Red (42%)

Yellow (0%)

Blue (25%)

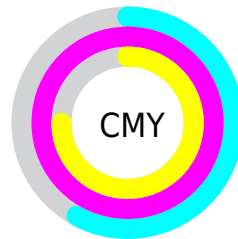


Cyan (0%)

Magenta (100%)

Yellow (42%)

Black (58%)



Cyan (58%)

Magenta (100%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C003F 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 6C003F by changing the saturation by 10% instead.

 6C003F

 6C003F

FFFFFF

 510029

 A33F6F

 390015

 C05A88

 190001

 DD74A2

 000000

 FB8FBD

 FFABD9

 FFC7F5

 FFE3FF

 6C003F

 6C0B43

 6C1648

 6C204C

 6C2B51

 6C3655

 6C415A

 6C4C5E

 6C5663

 6C6167

Harmonies

Analogous

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



551B5F



6C003F



6E051D

Triad

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



6C003F



2A3B00



00426C

Complementary

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



6C003F



006C2D

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.



00434F



6C003F



004003

Square

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



6C003F



493100



00432B



003C7A

Rectangle

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



6C003F



671803



00432B



004363

Sweetspot

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



6C003F



8C627B



2D006C



472E3D



C7C7C7



474747

Same Dimension

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



6C003F



8C0052



6C0009



363033



750044



F5008F

Inverse Universe

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



6C003F



8C0052



006C63



363033



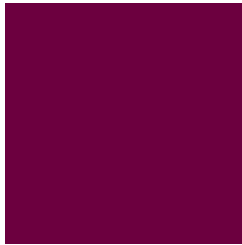
750044



F5008F

Previews

White Background



This preview shows how the Hex color 6C003F looks on a white background.

Color Contrast Check

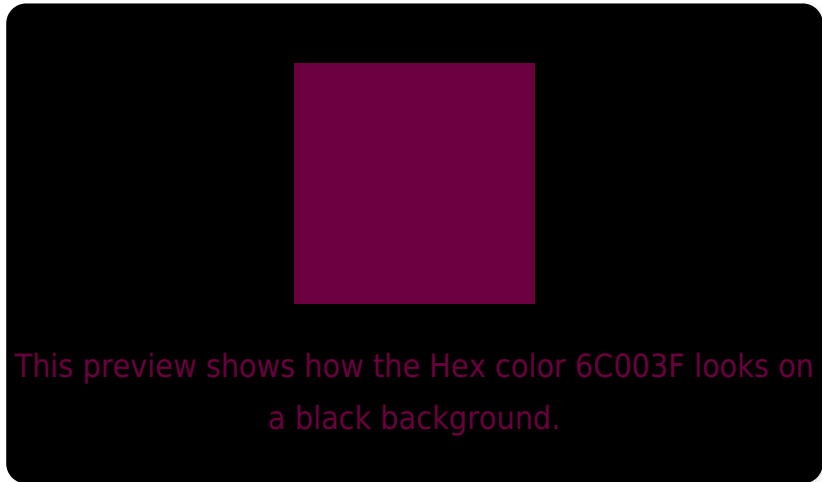
Large Text (above 18pt) WCAG AA ✓ Pass

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

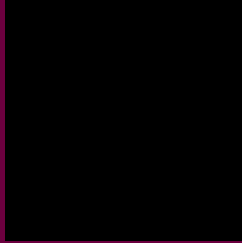
Any Text WCAG AA × Fail

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 6C003F Background



This preview shows how black text looks on a background with the Hex color 6C003F.



This preview shows how white text looks on a background with the Hex color 6C003F.

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
6C003F

Protanomaly
432450

Deuteranomaly
4F233C

Tritanomaly
6B1027

Monochromacy



Original Color
6C003F

Achromatopsia
272727

Achromatomaly
401930

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C003F 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 #6C003F looks like.

```
.text, #text, p{  
    color:#6C003F  
}
```

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 #6C003F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C003F
}
```

Border

The CSS property to change the border of an element to Hex 6C003F is called "border". The border property can be set on classes, ids or directly on the HTML element.

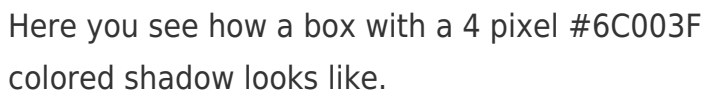
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C003F }
```

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

```
.border{ border-color:#6C003F }
```

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



Here you see how a box with a 4 pixel #6C003F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C003F; -webkit-box-shadow:4px 4px  
4px 4px #6C003F; box-shadow:4px 4px 4px  
4px #6C003F }
```

Background

The CSS property to change the background color of an element to Hex 6C003F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C003F }
```

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

```
.background{ background-color:#6C003F }
```

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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