

# Converting Colors

Hex(6C375C)

Have a look what the booklet for  
Hex(6C375C) contains.

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# Color

Hex(6C375C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C375C
RGB	108, 55, 92
RGB Percent	42%, 22%, 36%
CMY	0.5765, 0.7843, 0.6392
CMYK	0.00, 0.49, 0.15, 0.58
HSL	318°, 33%, 32%
HSV	318°, 49%, 42%
XYZ	9.4823, 6.6932, 10.9174
YIQ	75.0650, 19.7110, 22.7430

# Conversions

## Conversions Part 2

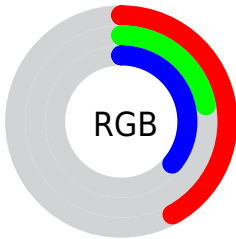
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 55, 92
Decimal	7092060
CIE <sub>Lab</sub>	31.10, 28.89, -11.71
CIE <sub>LCh</sub>	31, 31.171, 337.933
Yxy	6.6932, 0.3500, 0.2470
Android (android.graphics.Color)	4285282140 (0xFF6C375C)
YUV	75.0650, 8.3490, 28.8840
Hunter-Lab	25.8713, 20.1488, -6.9098

# Details

The Hex color **6C375C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **376C47**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **A1688E**, and **3B072E** is the 20% darker color. If you saturate the color by 10%, you get **6C2C59**, and if you desaturate by 10%, it is **6C425F**.

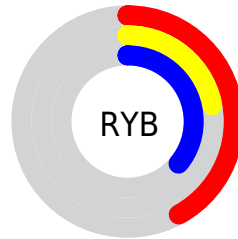
# Distribution



Red (42%)

Green (22%)

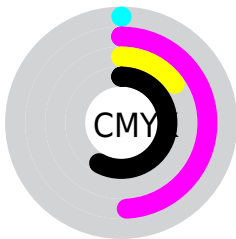
Blue (36%)



Red (42%)

Yellow (22%)

Blue (36%)

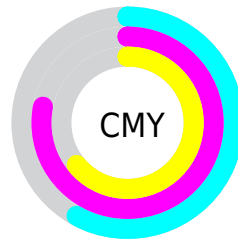


Cyan (0%)

Magenta (49%)

Yellow (15%)

Black (58%)



Cyan (58%)

Magenta (78%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C375C 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 6C375C by changing the saturation by 10% instead.



 6C375C

 6C375C

FFFFFF

 532044

 A1688E

 3B072E

 BC81A9

 27001A

 D89CC4

 000000

 F5B7E0

 FFD3FD

 FFEFFF

 6C375C

 6C375C

 6C2C59

 6C425F

6C2155

6C4D63

6C1752

6C5766

6C0C4F

6C6269

6C014C

6C6D6C

6C004B

6C7870

6C8373

6C8D76

6C9879

# Harmonies

## Analogous

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



534070



6C375C



763444

# Triad

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



6C375C



514A16



005466

# Complementary

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



6C375C



376C47

# 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.



00554F



6C375C



375021

# Square

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



6C375C



65411B



0E5436



005176

# Rectangle

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



6C375C



753634



0E5436



00555F



# Sweetspot

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



6C375C



8C7786



47376C



473B44



C7C7C7



474747



# Same Dimension

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



6C375C



8C3A73



6C3742



363034



750052



F500AB



# Inverse Universe

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



6C375C



8C3A73



376C61



363034



750052

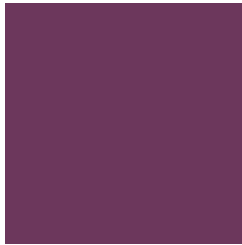


F500AB



# Previews

## White Background



This preview shows how the Hex color 6C375C looks on a white background.

## Color Contrast Check

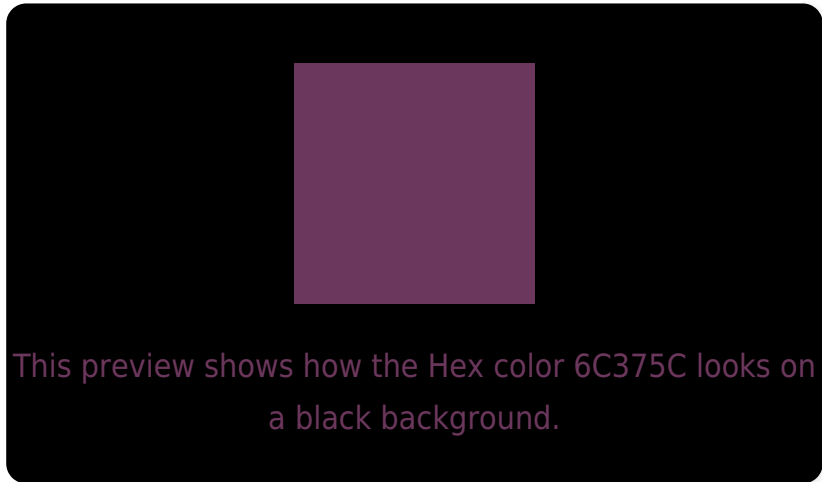
Large Text (above 18pt) WCAG AA ✓ Pass

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

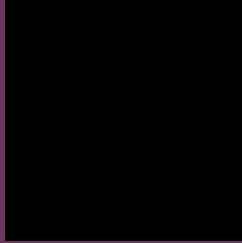
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6C375C Background



This preview shows how black text looks on a background with the Hex color 6C375C.



This preview shows how white text looks on a background with the Hex color 6C375C.

# 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



**Original Color**  
6C375C

**Protanopia**  
404969

**Deuteranopia**  
494859



**Tritanopia**  
693D41

# Trichromacy



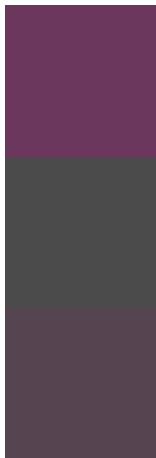
**Original Color**  
6C375C

**Protanomaly**  
504264

**Deuteranomaly**  
56425A

**Tritanomaly**  
6A3B4B

# Monochromacy



**Original Color**  
6C375C

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
574451

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C375C 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 #6C375C looks like.

```
.text, #text, p{  
    color:#6C375C  
}
```

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 #6C375C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C375C
}
```

## Border

The CSS property to change the border of an element to Hex 6C375C is called "border". The border property can be set on classes, ids or directly on the HTML element.

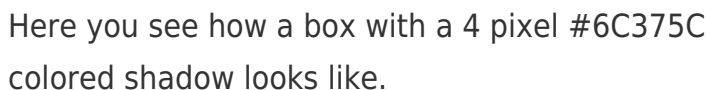
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C375C }
```

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

```
.border{ border-color:#6C375C }
```

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



Here you see how a box with a 4 pixel #6C375C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C375C; -webkit-box-shadow:4px 4px  
4px 4px #6C375C; box-shadow:4px 4px 4px  
4px #6C375C }
```

# Background

The CSS property to change the background color of an element to Hex 6C375C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C375C }
```

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

```
.background{ background-color:#6C375C }
```

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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