

Converting Colors

Hex(6C0D75)

Have a look what the booklet for
Hex(6C0D75) contains.

Hex(6C0D75)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6C0D75)

Conversions

Conversions Part 1

Format	Color
Hex	6C0D75
RGB	108, 13, 117
RGB Percent	42%, 5%, 46%
CMY	0.5765, 0.9490, 0.5412
CMYK	0.08, 0.89, 0.00, 0.54
HSL	295°, 80%, 25%
HSV	295°, 89%, 46%
XYZ	9.5392, 4.7603, 17.2457
YIQ	53.2610, 23.2360, 52.4840

Conversions

Conversions Part 2

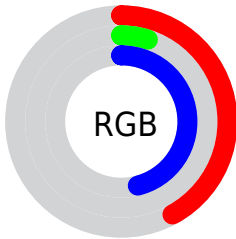
Format	Color
R_{YB}	108, 13, 117
Decimal	7081333
CIE _{Lab}	26.04, 51.15, -35.73
CIE _{LCh}	26, 62.391, 325.067
Yxy	4.7603, 0.3024, 0.1509
Android (android.graphics.Color)	4285271413 (0xFF6C0D75)
YUV	53.2610, 31.4233, 48.0061
Hunter-Lab	21.8182, 39.8602, -31.5916

Details

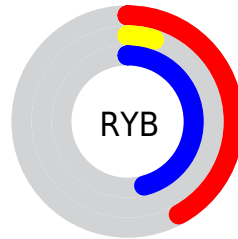
The Hex color **6C0D75** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **16750D**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **A348AA**, and **380044** is the 20% darker color. If you saturate the color by 10%, you get **6B0175**, and if you desaturate by 10%, it is **6D1975**.

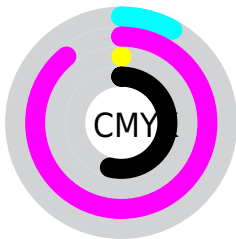
Distribution



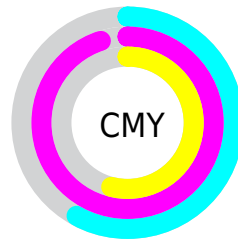
- Red (42%)
- Green (5%)
- Blue (46%)



- Red (42%)
- Yellow (5%)
- Blue (46%)



- Cyan (8%)
- Magenta (89%)
- Yellow (0%)
- Black (54%)



- Cyan (58%)
- Magenta (95%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C0D75 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 6C0D75 by changing the saturation by 10% instead.

 6C0D75

 6C0D75

FFFFFF

 52005C

 A348AA

 380044

 BF63C5

 20002D

 DC7DE1

 000117

 F999FE

 000000

 FFB4FF

 FFD1FF

 FFEEFF

 6C0D75

 6C0D75

6B0175

6D1975

6B0075

6E2475

6F3075

703C75

714775

725375

735F75

746B75

757675

Harmonies

Analogous

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



063596



6C0D75



890048

Triad

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



6C0D75



533900



005065

Complementary

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



6C0D75



16750D

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.



004F34



6C0D75



254600

Square

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



6C0D75



752000



004D00



004F8C

Rectangle

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



6C0D75



8C0029



004D00



005055

Sweetspot

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



6C0D75



957099



0D1775



4A344D



CCCCCC



4D4D4D

Same Dimension

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



6C0D75



8C0099



750D4B



3A353B



70007A



E400FA

Inverse Universe

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



750D16



99000D



0D7537



3B3535



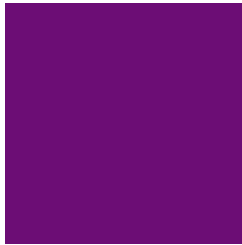
7A000B



FA0016

Previews

White Background



This preview shows how the Hex color 6C0D75 looks on a white background.

Color Contrast Check

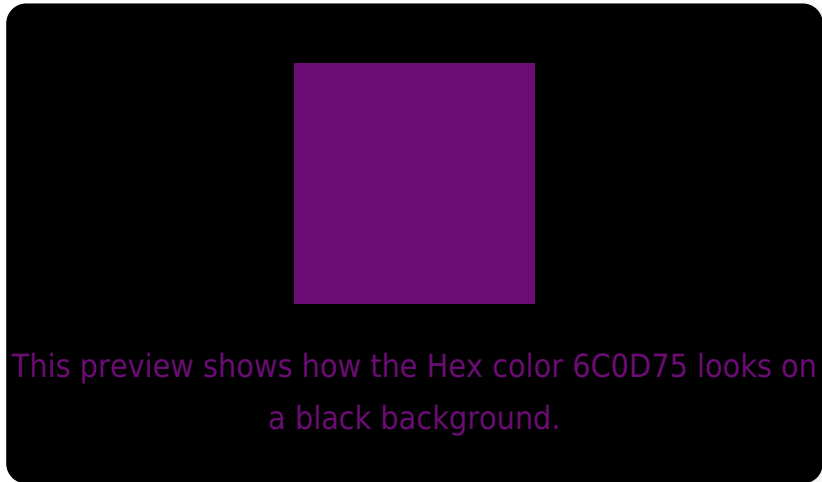
Large Text (above 18pt) WCAG AA ✓ Pass

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

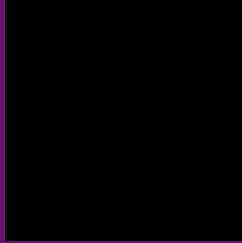
Any Text WCAG AA × Fail

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 6C0D75 Background



This preview shows how black text looks on a background with the Hex color 6C0D75.



This preview shows how white text looks on a background with the Hex color 6C0D75.

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
642F32

Trichromacy



Original Color
6C0D75



Protanomaly
272C7D



Deuteranomaly
392E71



Tritanomaly
67234A

Monochromacy



Original Color
6C0D75



Achromatopsia
353535



Achromatomaly
49264C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C0D75 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 #6C0D75 looks like.

```
.text, #text, p{  
    color:#6C0D75  
}
```

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 #6C0D75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C0D75
}
```

Border

The CSS property to change the border of an element to Hex 6C0D75 is called "border". The border property can be set on classes, ids or directly on the HTML element.

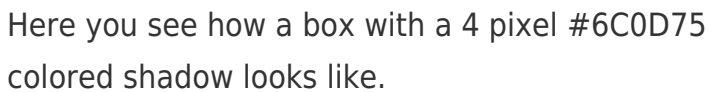
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C0D75 }
```

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

```
.border{ border-color:#6C0D75 }
```

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



Here you see how a box with a 4 pixel #6C0D75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C0D75; -webkit-box-shadow:4px 4px  
4px 4px #6C0D75; box-shadow:4px 4px 4px  
4px #6C0D75 }
```

Background

The CSS property to change the background color of an element to Hex 6C0D75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C0D75 }
```

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

```
.background{ background-color:#6C0D75 }
```

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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