

Converting Colors

Hex(6B0B63)

Have a look what the booklet for
Hex(6B0B63) contains.

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Color

Hex(6B0B63)

Conversions

Conversions Part 1

Format	Color
Hex	6B0B63
RGB	107, 11, 99
RGB Percent	42%, 4%, 39%
CMY	0.5804, 0.9569, 0.6118
CMYK	0.00, 0.90, 0.07, 0.58
HSL	305°, 81%, 23%
HSV	305°, 90%, 42%
XYZ	8.4352, 4.2660, 12.1832
YIQ	49.7360, 28.9680, 47.7200

Conversions

Conversions Part 2

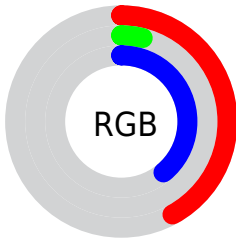
Format	Color
R_{YB}	107, 11, 99
Decimal	7015267
CIE _{Lab}	24.53, 48.32, -26.49
CIE _{LCh}	25, 55.105, 331.265
Yxy	4.2660, 0.3390, 0.1714
Android (android.graphics.Color)	4285205347 (0xFF6B0B63)
YUV	49.7360, 24.2872, 50.2205
Hunter-Lab	20.6543, 36.7544, -20.5150

Details

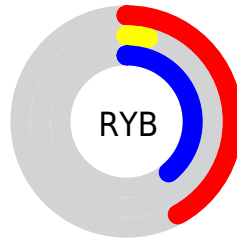
The Hex color **6B0B63** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0B6B13**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **A14696**, and **380034** is the 20% darker color. If you saturate the color by 10%, you get **6B0062**, and if you desaturate by 10%, it is **6B1664**.

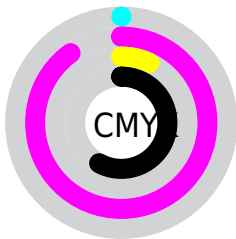
Distribution



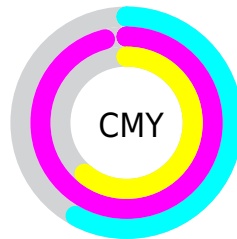
- Red (42%)
- Green (4%)
- Blue (39%)



- Red (42%)
- Yellow (4%)
- Blue (39%)



- Cyan (0%)
- Magenta (90%)
- Yellow (7%)
- Black (58%)



- Cyan (58%)
- Magenta (96%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B0B63 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 6B0B63 by changing the saturation by 10% instead.

 6B0B63

 6B0B63

FFFFFF

 51004B

 A14696

 380034

 BD60B1

 1F001E

 DA7BCD

 000000

 F896E9

 FFB2FF

 FFCEFF

 FFE8FF

 6B0B63

 6B0B63

■ 6B0062

■ 6B1664

■ 6B2065

■ 6B2B66

■ 6B3667

■ 6B4167

■ 6B4B68

■ 6B5669

■ 6B616A

■ 6B6B6B

Harmonies

Analogous

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



332E83



6B0B63



7F003A

Triad

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



6B0B63



473900



004B65

Complementary

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



6B0B63



0B6B13

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.



004B3B



6B0B63



1B4400

Square

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



6B0B63



672700



00480D



004884

Rectangle

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



6B0B63



7F001F



00480D



004B58

Sweetspot

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



6B0B63



8C6689



130B6B



473145



C7C7C7



474747

Same Dimension

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



6B0B63



8C0081



6B0B33



363035



75006C



F500E0

Inverse Universe

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



6B0B63



8C0081



0B6B43



363035



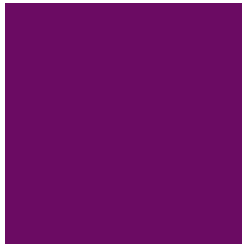
75006C



F500E0

Previews

White Background



This preview shows how the Hex color 6B0B63 looks on a white background.

Color Contrast Check

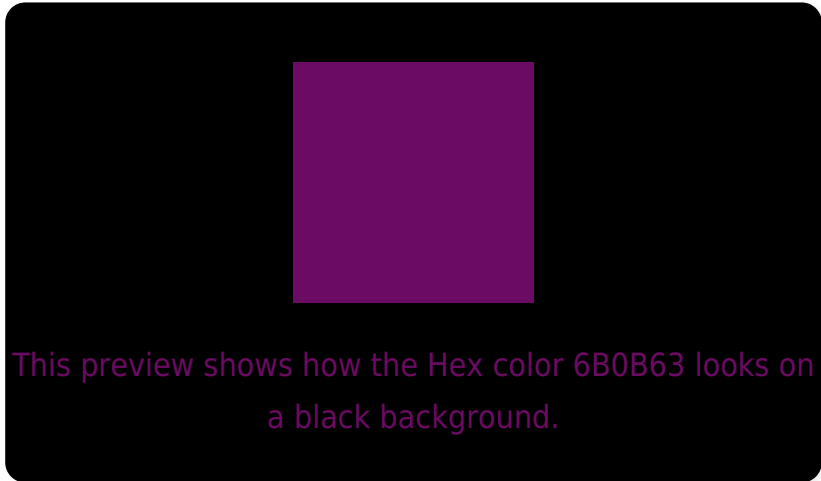
Large Text (above 18pt) WCAG AA ✓ Pass

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

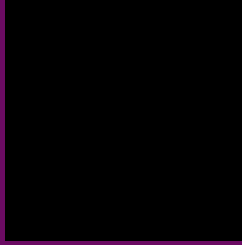
Any Text WCAG AA × Fail

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 6B0B63 Background



This preview shows how black text looks on a background with the Hex color 6B0B63.



This preview shows how white text looks on a background with the Hex color 6B0B63.

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
65282A

Trichromacy



Original Color
6B0B63

Protanomaly
272A73

Deuteranomaly
442B5F

Tritanomaly
671D3F

Monochromacy



Original Color
6B0B63

Achromatopsia
323232

Achromatomaly
472444

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B0B63 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 #6B0B63 looks like.

```
.text, #text, p{  
    color:#6B0B63  
}
```

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 #6B0B63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B0B63
}
```

Border

The CSS property to change the border of an element to Hex 6B0B63 is called "border". The border property can be set on classes, ids or directly on the HTML element.

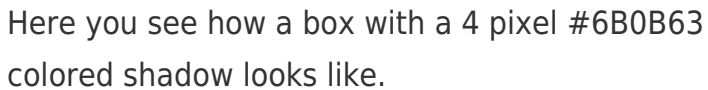
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B0B63 }
```

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

```
.border{ border-color:#6B0B63 }
```

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



Here you see how a box with a 4 pixel #6B0B63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B0B63; -webkit-box-shadow:4px 4px  
4px 4px #6B0B63; box-shadow:4px 4px 4px  
4px #6B0B63 }
```

Background

The CSS property to change the background color of an element to Hex 6B0B63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B0B63 }
```

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

```
.background{ background-color:#6B0B63 }
```

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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