

Converting Colors

Hex(6B000D)

Have a look what the booklet for
Hex(6B000D) contains.

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Color

Hex(6B000D)

Conversions

Conversions Part 1

Format	Color
Hex	6B000D
RGB	107, 0, 13
RGB Percent	42%, 0%, 5%
CMY	0.5804, 1.0000, 0.9490
CMYK	0.00, 1.00, 0.88, 0.58
HSL	353°, 100%, 21%
HSV	353°, 100%, 42%
XYZ	6.1361, 3.1549, 0.6663
YIQ	33.4750, 59.5990, 26.7270

Conversions

Conversions Part 2

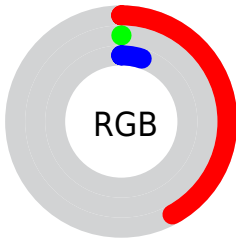
Format	Color
RYB	107, 0, 13
Decimal	7012365
CIELab	20.65, 42.59, 26.08
CIELCh	21, 49.940, 31.481
Yxy	3.1549, 0.6162, 0.3168
Android (android.graphics.Color)	4285202445 (0xFF6B000D)
YUV	33.4750, -10.0942, 64.4814
Hunter-Lab	17.7619, 30.5814, 10.2092

Details

The Hex color **6B000D** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **006B5E**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **A53D38**, and **350002** is the 20% darker color. If you saturate the color by 10%, you get **6B000D**, and if you desaturate by 10%, it is **6B0B16**.

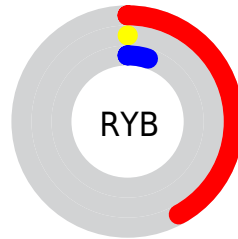
Distribution



Red (42%)

Green (0%)

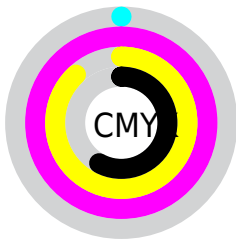
Blue (5%)



Red (42%)

Yellow (0%)

Blue (5%)

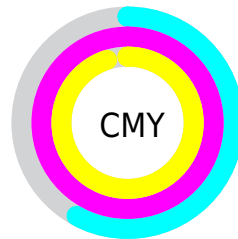


Cyan (0%)

Magenta (100%)

Yellow (88%)

Black (58%)



Cyan (58%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B000D 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 6B000D by changing the saturation by 10% instead.

 6B000D

 6B000D

 FFFDED

 4F0000

 A53D38

 350002

 C3574F

 060000

 E17167

 000000

 FF8C80

 FFA79A

 FFC3B5

 FFE0D0

 6B000D

 6B0B16

 6B1520

 6B2029

 6B2B33

 6B363C

 6B4045

 6B4B4F

 6B5658

 6B6062

Harmonies

Analogous

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



6E0032



6B000D



592100

Triad

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



6B000D



003E0A



00377D

Complementary

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



6B000D



006B5E

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.



003E73



6B000D



004033

Square

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



6B000D



163A00



004058



2C2771

Rectangle

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



6B000D



472D00



004058



003A7C

Sweetspot

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



6B000D



8C6267



5D006B



472E31



C7C7C7



474747

Same Dimension

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



6B000D



8C0011



6B2700



363031



75000E



F5001E

Inverse Universe

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



6B000D



8C0011



00446B



363031



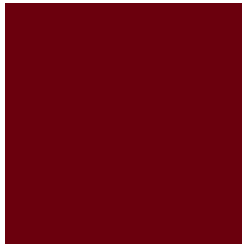
75000E



F5001E

Previews

White Background



This preview shows how the Hex color 6B000D looks on a white background.

Color Contrast Check

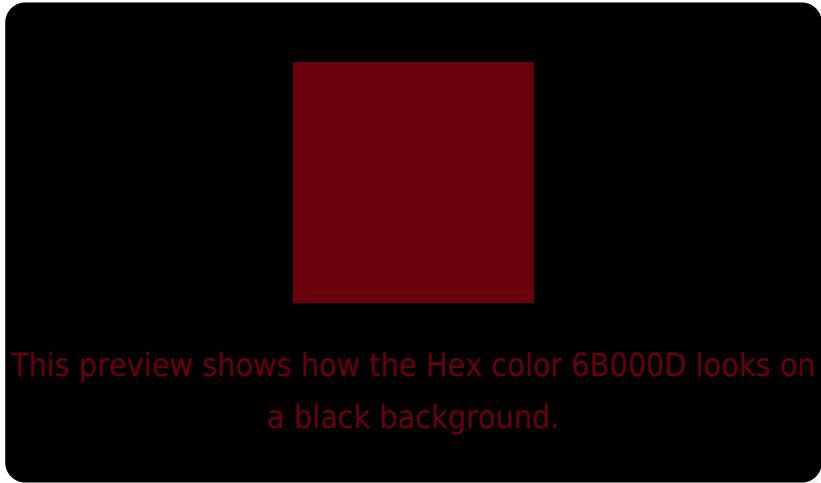
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B000D Background



This preview shows how black text looks on a background with the Hex color 6B000D.



This preview shows how white text looks on a background with the Hex color 6B000D.

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
6B000D

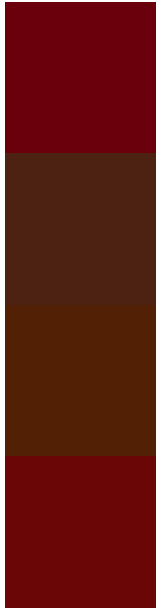
Protanopia
3C3617

Deuteranopia
443300



Tritanopia
6A0A00

Trichromacy



Original Color
6B000D

Protanomaly
4D2213

Deuteranomaly
522005

Tritanomaly
6A0605

Monochromacy



Original Color
6B000D

Achromatopsia
212121

Achromatomaly
3C151A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B000D 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 #6B000D looks like.

```
.text, #text, p{  
    color:#6B000D  
}
```

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 #6B000D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B000D
}
```

Border

The CSS property to change the border of an element to Hex 6B000D is called "border". The border property can be set on classes, ids or directly on the HTML element.

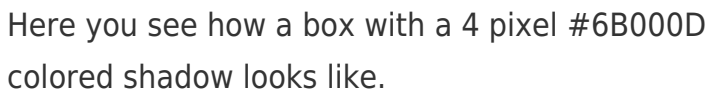
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B000D }
```

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

```
.border{ border-color:#6B000D }
```

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



Here you see how a box with a 4 pixel #6B000D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B000D; -webkit-box-shadow:4px 4px  
4px 4px #6B000D; box-shadow:4px 4px 4px  
4px #6B000D }
```

Background

The CSS property to change the background color of an element to Hex 6B000D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B000D }
```

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

```
.background{ background-color:#6B000D }
```

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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