

Converting Colors

Hex(6B6F0B)

Have a look what the booklet for
Hex(6B6F0B) contains.

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Color

Hex(6B6F0B)

Conversions

Conversions Part 1

Format	Color
Hex	6B6F0B
RGB	107, 111, 11
RGB Percent	42%, 44%, 4%
CMY	0.5804, 0.5647, 0.9569
CMYK	0.04, 0.00, 0.90, 0.56
HSL	62°, 82%, 24%
HSV	62°, 90%, 44%
XYZ	11.8082, 14.5188, 2.4967
YIQ	98.4040, 29.7160, -31.9480

Conversions

Conversions Part 2

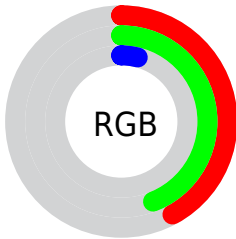
Format	Color
RYB	11, 111, 15
Decimal	7040779
CIELab	44.97, -13.30, 48.30
CIELCh	45, 50.097, 105.400
Yxy	14.5188, 0.4097, 0.5037
Android (android.graphics.Color)	4285230859 (0xFF6B6F0B)
YUV	98.4040, -43.0902, 7.5387
Hunter-Lab	38.1036, -11.3644, 22.7877

Details

The Hex color **6B6F0B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0F0B6F**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **A1A243**, and **384000** is the 20% darker color. If you saturate the color by 10%, you get **6B6F00**, and if you desaturate by 10%, it is **6B6F16**.

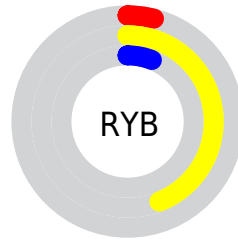
Distribution



Red (42%)

Green (44%)

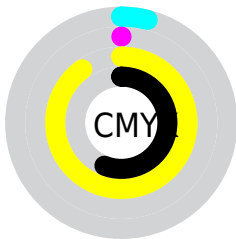
Blue (4%)



Red (4%)

Yellow (44%)

Blue (6%)

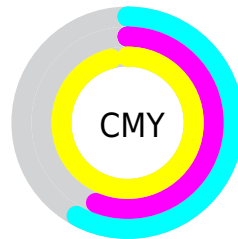


Cyan (4%)

Magenta (0%)

Yellow (90%)

Black (56%)



Cyan (58%)

Magenta (56%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B6F0B 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 6B6F0B by changing the saturation by 10% instead.



6B6F0B



6B6F0B

FFFFFF



515700



A1A243



384000



BDBD5D



1F2A00



DAD977



001700



F7F691



000000



FFFFAD



FFFFC9



FFFFE5



6B6F0B



6B6F0B

■ 6B6F00

■ 6B6F16

■ 6C6F21

■ 6C6F2C

■ 6D6F37

■ 6D6F43

■ 6E6F4E

■ 6E6F59

■ 6F6F64

■ 6F6F6F

Harmonies

Analogous

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



906110



6B6F0B



3A782B

Triad

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



6B6F0B



007CA5



AB4581

Complementary

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



6B6F0B



0F0B6F

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.



8856A6



6B6F0B



0075BB

Square

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



6B6F0B



007E7F



3F68BB



B64257

Rectangle

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



6B6F0B



007C46



3F68BB



A24A8E

Sweetspot

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



6B6F0B



90916A



6F0E0B



494A32



C9C9C9



4A4A4A

Same Dimension

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



6B6F0B



8C9100



3A6F0B



383832



737800



EDF700

Inverse Universe

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



0F0B6F



060091



400B6F



333238



050078



0A00F7

Previews

White Background



This preview shows how the Hex color 6B6F0B looks on a white background.

Color Contrast Check

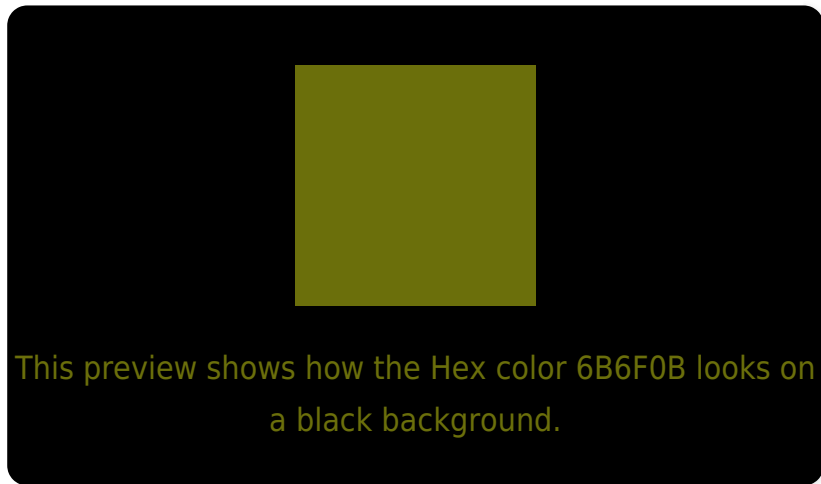
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

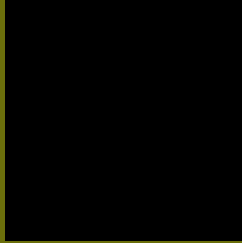
Any Text WCAG AA × Fail

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 6B6F0B Background



This preview shows how black text looks on a background with the Hex color 6B6F0B.



This preview shows how white text looks on a background with the Hex color 6B6F0B.

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
6B6F0B

Protanopia
786B09

Deuteranopia
866514



Tritanopia
73676F

Trichromacy



Original Color
6B6F0B

Protanomaly
736C0A

Deuteranomaly
7C6911

Tritanomaly
706A4B

Monochromacy



Original Color
6B6F0B

Achromatopsia
626262

Achromatomaly
656742

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B6F0B 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 #6B6F0B looks like.

```
.text, #text, p{  
    color:#6B6F0B  
}
```

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 #6B6F0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B6F0B
}
```

Border

The CSS property to change the border of an element to Hex 6B6F0B is called "border". The border property can be set on classes, ids or directly on the HTML element.

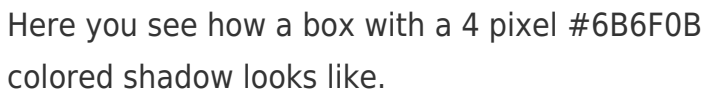
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B6F0B }
```

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

```
.border{ border-color:#6B6F0B }
```

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



Here you see how a box with a 4 pixel #6B6F0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B6F0B; -webkit-box-shadow:4px 4px  
4px 4px #6B6F0B; box-shadow:4px 4px 4px  
4px #6B6F0B }
```

Background

The CSS property to change the background color of an element to Hex 6B6F0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B6F0B }
```

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

```
.background{ background-color:#6B6F0B }
```

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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