

Converting Colors

Hex(6A6C0B)

Have a look what the booklet for
Hex(6A6C0B) contains.

Hex(6A6C0B)	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(6A6C0B)

Conversions

Conversions Part 1

Format	Color
Hex	6A6C0B
RGB	106, 108, 11
RGB Percent	42%, 42%, 4%
CMY	0.5843, 0.5765, 0.9569
CMYK	0.02, 0.00, 0.90, 0.58
HSL	61°, 82%, 23%
HSV	61°, 90%, 42%
XYZ	11.3668, 13.8135, 2.3838
YIQ	96.3440, 29.9450, -30.5910

Conversions

Conversions Part 2

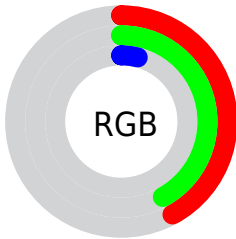
Format	Color
RYB	11, 108, 13
Decimal	6974475
CIELab	43.96, -12.13, 47.44
CIELCh	44, 48.962, 104.338
Yxy	13.8135, 0.4124, 0.5011
Android (android.graphics.Color)	4285164555 (0xFF6A6C0B)
YUV	96.3440, -42.0746, 8.4683
Hunter-Lab	37.1665, -10.4497, 22.2138

Details

The Hex color **6A6C0B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0D0B6C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **A09F42**, and **373D00** is the 20% darker color. If you saturate the color by 10%, you get **6A6C00**, and if you desaturate by 10%, it is **6A6C16**.

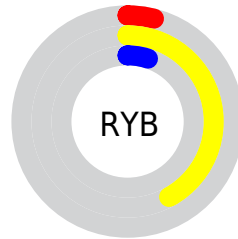
Distribution



Red (42%)

Green (42%)

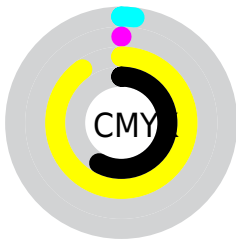
Blue (4%)



Red (4%)

Yellow (42%)

Blue (5%)

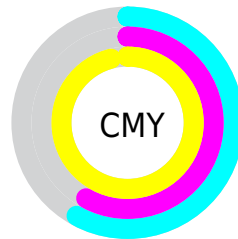


Cyan (2%)

Magenta (0%)

Yellow (90%)

Black (58%)



Cyan (58%)

Magenta (58%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A6C0B 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 6A6C0B by changing the saturation by 10% instead.



6A6C0B



6A6C0B

FFFFFF



505400



A09F42



373D00



BCBA5C



1E2700



D9D676



001400



F6F291



000000



FFFFAC



FFFFC8



FFFFE4



6A6C0B



6A6C0B

■ 6A6C00

■ 6A6C16

■ 6A6C21

■ 6B6C2B

■ 6B6C36

■ 6B6C41

■ 6B6C4C

■ 6C6C57

■ 6C6C61

■ 6C6C6C

Harmonies

Analogous

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



8E5E12



6A6C0B



3B7529

Triad

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



6A6C0B



0079A0



A6447F

Complementary

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



6A6C0B



0D0B6C

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.



8354A3



6A6C0B



0072B6

Square

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



6A6C0B



007B7B



3B66B7



B14156

Rectangle

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



6A6C0B



007943



3B66B7



9D498C

Sweetspot

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



6A6C0B



8B8C66



6C0D0B



474731



C7C7C7



474747

Same Dimension

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



6A6C0B



898C00



3A6C0B



353630



737500



F0F500

Inverse Universe

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



0D0B6C



03008C



3D0B6C



303036



020075



0500F5

Previews

White Background



This preview shows how the Hex color 6A6C0B looks on a white background.

Color Contrast Check

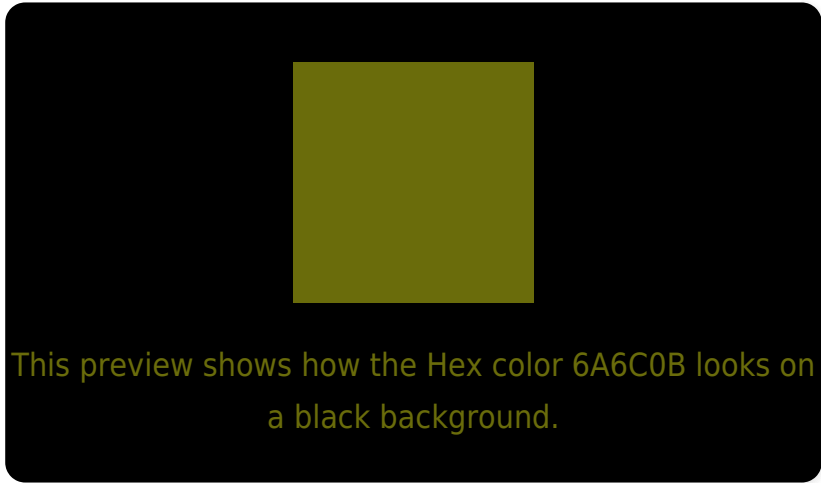
Large Text (above 18pt) WCAG AA ✓ Pass

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

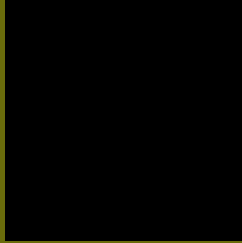
Any Text WCAG AA × Fail

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 6A6C0B Background



This preview shows how black text looks on a background with the Hex color 6A6C0B.



This preview shows how white text looks on a background with the Hex color 6A6C0B.

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
6A6C0B

Protanopia
756809

Deuteranopia
836313



Tritanopia
71646C

Trichromacy



Original Color
6A6C0B

Protanomaly
71690A

Deuteranomaly
7A6610

Tritanomaly
6E6749

Monochromacy



Original Color
6A6C0B

Achromatopsia
606060

Achromatomaly
646441

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A6C0B 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 #6A6C0B looks like.

```
.text, #text, p{  
    color:#6A6C0B  
}
```

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 #6A6C0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6C0B
}
```

Border

The CSS property to change the border of an element to Hex 6A6C0B 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".

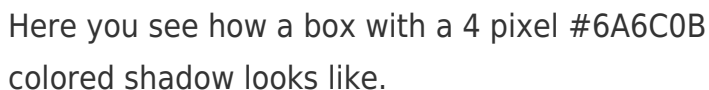
```
.border, #border, table{ border:4px solid
#6A6C0B }
```

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

```
.border{ border-color:#6A6C0B }
```

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

Here you see how a box with a 4 pixel #6A6C0B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6C0B; -webkit-box-shadow:4px 4px  
4px 4px #6A6C0B; box-shadow:4px 4px 4px  
4px #6A6C0B }
```

Background

The CSS property to change the background color of an element to Hex 6A6C0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6C0B }
```

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

```
.background{ background-color:#6A6C0B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor