

Converting Colors

Hex(6A6A0D)

Have a look what the booklet for
Hex(6A6A0D) contains.

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Color

Hex(6A6A0D)

Conversions

Conversions Part 1

Format	Color
Hex	6A6A0D
RGB	106, 106, 13
RGB Percent	42%, 42%, 5%
CMY	0.5843, 0.5843, 0.9490
CMYK	0.00, 0.00, 0.88, 0.58
HSL	60°, 78%, 23%
HSV	60°, 88%, 42%
XYZ	11.1705, 13.4013, 2.3787
YIQ	95.3980, 29.8530, -28.9230

Conversions

Conversions Part 2

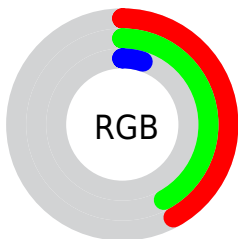
Format	Color
R _Y B	13, 106, 13
Decimal	6973965
CIE Lab	43.36, -10.95, 46.44
CIE LCh	43, 47.712, 103.274
Yxy	13.4013, 0.4145, 0.4973
Android (android.graphics.Color)	4285164045 (0xFF6A6A0D)
YUV	95.3980, -40.6222, 9.2980
Hunter-Lab	36.6078, -9.5959, 21.7729

Details

The Hex color **6A6A0D** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0D0D6A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **A09D43**, and **373B00** is the 20% darker color. If you saturate the color by 10%, you get **6A6A02**, and if you desaturate by 10%, it is **6A6A18**.

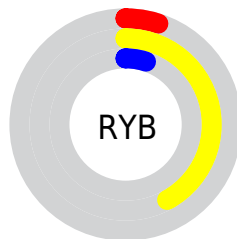
Distribution



Red (42%)

Green (42%)

Blue (5%)



Red (5%)

Yellow (42%)

Blue (5%)

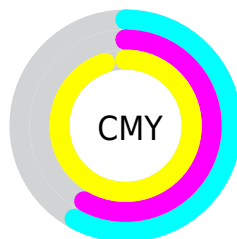


Cyan (0%)

Magenta (0%)

Yellow (88%)

Black (58%)



Cyan (58%)

Magenta (58%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A6A0D 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 6A6A0D by changing the saturation by 10% instead.



6A6A0D



6A6A0D

FFFFFF



505200



A09D43



373B00



BCB85D



1E2600



D9D376



001200



F6F091



000000



FFFFAC



FFFFC8



FFFFE5



6A6A0D



6A6A0D

■ 6A6A02

■ 6A6A18

■ 6A6A00

■ 6A6A22

■ 6A6A2D

■ 6A6A37

■ 6A6A42

■ 6A6A4D

■ 6A6A57

■ 6A6A62

■ 6A6A6C

Harmonies

Analogous

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



8D5C14



6A6A0D



3D7329

Triad

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



6A6A0D



00779C



A2447E

Complementary

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



6A6A0D



0D0D6A

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.



7F54A0



6A6A0D



0071B2

Square

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



6A6A0D



007977



3765B4



AE4157

Rectangle

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



6A6A0D



007741



3765B4



99498B

Sweetspot

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



6A6A0D



8A8A66



6A0D0D



454530



C4C4C4



454545

Same Dimension

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



6A6A0D



8A8A00



3B6A0D



363630



757500



F5F500

Inverse Universe

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



0D0D6A



00008A



3B0D6A



303036



000075



0000F5

Previews

White Background



This preview shows how the Hex color 6A6A0D looks on a white background.

Color Contrast Check

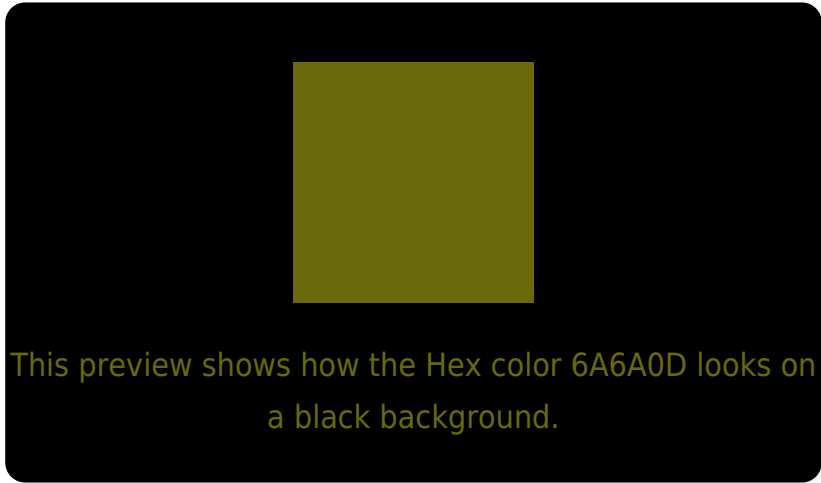
Large Text (above 18pt) WCAG AA ✓ Pass

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

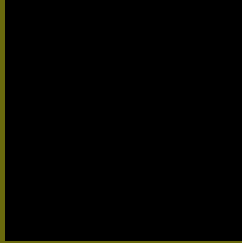
Any Text WCAG AA × Fail

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 6A6A0D Background



This preview shows how black text looks on a background with the Hex color 6A6A0D.



This preview shows how white text looks on a background with the Hex color 6A6A0D.

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


6A6A0D

Protanopia

74670C

Deuteranopia

816114



Tritanopia
71636A

Trichromacy



Original Color
6A6A0D

Protanomaly
70680C

Deuteranomaly
796411

Tritanomaly
6E6648

Monochromacy



Original Color
6A6A0D

Achromatopsia
5F5F5F

Achromatomaly
636341

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A6A0D 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 #6A6A0D looks like.

```
.text, #text, p{  
    color:#6A6A0D  
}
```

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 #6A6A0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6A0D
}
```

Border

The CSS property to change the border of an element to Hex 6A6A0D 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".

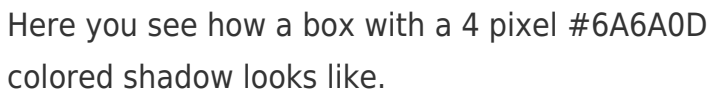
```
.border, #border, table{ border:4px solid
#6A6A0D }
```

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

```
.border{ border-color:#6A6A0D }
```

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

Here you see how a box with a 4 pixel #6A6A0D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6A0D; -webkit-box-shadow:4px 4px  
4px 4px #6A6A0D; box-shadow:4px 4px 4px  
4px #6A6A0D }
```

Background

The CSS property to change the background color of an element to Hex 6A6A0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6A0D }
```

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

```
.background{ background-color:#6A6A0D }
```

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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