

Converting Colors

Hex(6B3F0B)

Have a look what the booklet for
Hex(6B3F0B) contains.

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Color

Hex(6B3F0B)

Conversions

Conversions Part 1

Format	Color
Hex	6B3F0B
RGB	107, 63, 11
RGB Percent	42%, 25%, 4%
CMY	0.5804, 0.7529, 0.9569
CMYK	0.00, 0.41, 0.90, 0.58
HSL	32°, 81%, 23%
HSV	32°, 90%, 42%
XYZ	7.9013, 6.7050, 1.1944
YIQ	70.2280, 42.9160, -6.8440

Conversions

Conversions Part 2

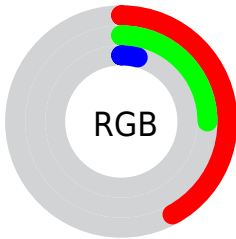
Format	Color
RYB	92, 107, 11
Decimal	7028491
CIELab	31.13, 15.09, 36.81
CIElCh	31, 39.786, 67.711
Yxy	6.7050, 0.5001, 0.4243
Android (android.graphics.Color)	4285218571 (0xFF6B3F0B)
YUV	70.2280, -29.1994, 32.2490
Hunter-Lab	25.8940, 9.1533, 15.3910

Details

The Hex color **6B3F0B** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0B376B**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **A36F3B**, and **361400** is the 20% darker color. If you saturate the color by 10%, you get **6B3A00**, and if you desaturate by 10%, it is **6B4416**.

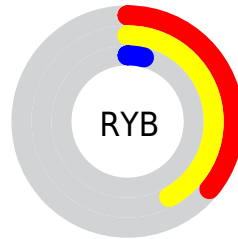
Distribution



Red (42%)

Green (25%)

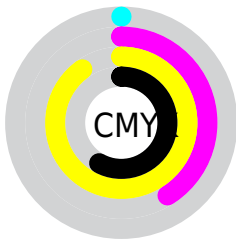
Blue (4%)



Red (36%)

Yellow (42%)

Blue (4%)

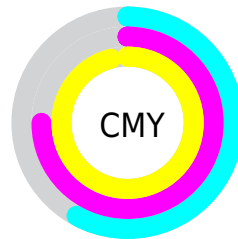


Cyan (0%)

Magenta (41%)

Yellow (90%)

Black (58%)



Cyan (58%)

Magenta (75%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B3F0B 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 6B3F0B by changing the saturation by 10% instead.

 6B3F0B

 6B3F0B

 FFFFF4

 512900

 A36F3B

 361400

 BF8853

 1F0000

 DCA36C

 000000

 FABE85

 FFD9A0

 FFF6BB

 FFFFD7

 6B3F0B

 6B3F0B

■ 6B3A00

■ 6B4416

■ 6B4920

■ 6B4E2B

■ 6B5336

■ 6B5841

■ 6B5C4B

■ 6B6156

■ 6B6661

■ 6B6B6B

Harmonies

Analogous

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



7C3225



6B3F0B



514A00

Triad

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



6B3F0B



005851



543D7B

Complementary

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



6B3F0B



0B376B

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.



034A87



6B3F0B



00576F

Square

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



6B3F0B



005630



005383



753061

Rectangle

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



6B3F0B



3C500A



005383



444281

Sweetspot

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



6B3F0B



8C7B66



6B0B38



473D31



C7C7C7



474747

Same Dimension

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



6B3F0B



8C4C00



686B0B



363330



754000



F58500

Inverse Universe

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



0B376B



00408C



0E0B6B



303336



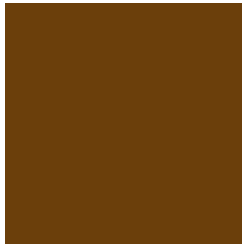
003675



0070F5

Previews

White Background



This preview shows how the Hex color 6B3F0B looks on a white background.

Color Contrast Check

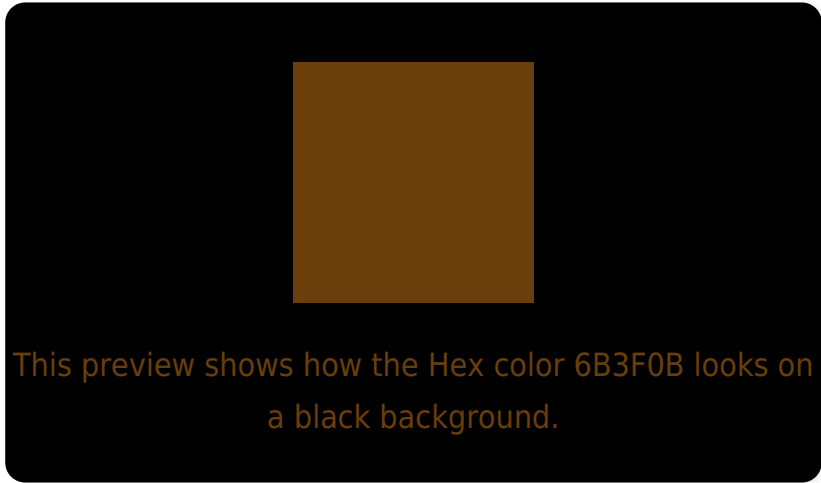
Large Text (above 18pt) WCAG AA ✓ Pass

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

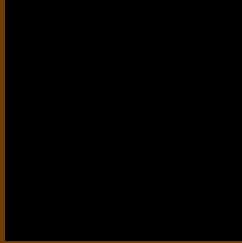
Any Text WCAG AA × Fail

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 6B3F0B Background



This preview shows how black text looks on a background with the Hex color 6B3F0B.



This preview shows how white text looks on a background with the Hex color 6B3F0B.

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
6B3F0B

Protanopia
534A0E

Deuteranopia
5D4600



Tritanopia
6D3B3F

Trichromacy



Original Color
6B3F0B

Protanomaly
5C460D

Deuteranomaly
624304

Tritanomaly
6C3C2C

Monochromacy



Original Color
6B3F0B

Achromatopsia
464646

Achromatomaly
534331

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B3F0B 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 #6B3F0B looks like.

```
.text, #text, p{  
    color:#6B3F0B  
}
```

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 #6B3F0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B3F0B
}
```

Border

The CSS property to change the border of an element to Hex 6B3F0B is called "border". The border property can be set on classes, ids or directly on the HTML element.

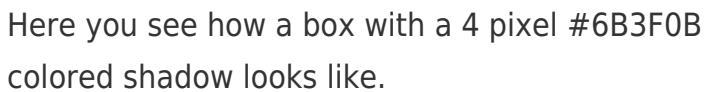
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B3F0B }
```

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

```
.border{ border-color:#6B3F0B }
```

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



Here you see how a box with a 4 pixel #6B3F0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B3F0B; -webkit-box-shadow:4px 4px  
4px 4px #6B3F0B; box-shadow:4px 4px 4px  
4px #6B3F0B }
```

Background

The CSS property to change the background color of an element to Hex 6B3F0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B3F0B }
```

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

```
.background{ background-color:#6B3F0B }
```

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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