

Converting Colors

Hex(6B0A0A)

Have a look what the booklet for
Hex(6B0A0A) contains.

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Color

Hex(6B0A0A)

Conversions

Conversions Part 1

Format	Color
Hex	6B0A0A
RGB	107, 10, 10
RGB Percent	42%, 4%, 4%
CMY	0.5804, 0.9608, 0.9608
CMYK	0.00, 0.91, 0.91, 0.58
HSL	0°, 83%, 23%
HSV	0°, 91%, 42%
XYZ	6.2267, 3.3648, 0.6084
YIQ	39.0030, 57.8120, 20.5640

Conversions

Conversions Part 2

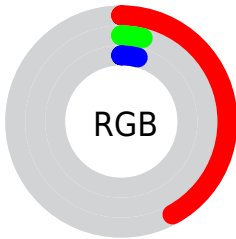
Format	Color
RYB	107, 10, 10
Decimal	7014922
CIELab	21.45, 40.14, 28.28
CIELCh	21, 49.104, 35.163
Yxy	3.3648, 0.6105, 0.3299
Android (android.graphics.Color)	4285205002 (0xFF6B0A0A)
YUV	39.0030, -14.2985, 59.6334
Hunter-Lab	18.3434, 28.4916, 10.8737

Details

The Hex color **6B0A0A** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0A6B6B**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **A54236**, and **350001** is the 20% darker color. If you saturate the color by 10%, you get **6B0000**, and if you desaturate by 10%, it is **6B1515**.

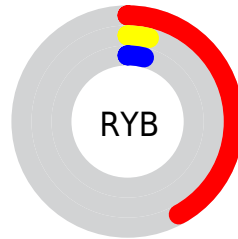
Distribution



Red (42%)

Green (4%)

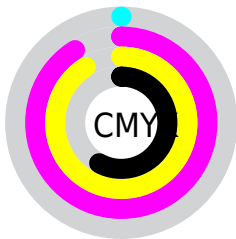
Blue (4%)



Red (42%)

Yellow (4%)

Blue (4%)

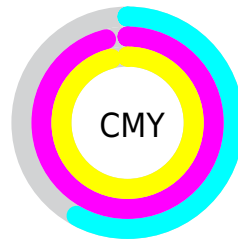


Cyan (0%)

Magenta (91%)

Yellow (91%)

Black (58%)



Cyan (58%)

Magenta (96%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B0A0A 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 6B0A0A by changing the saturation by 10% instead.

 6B0A0A

 6B0A0A

 FFFFEA


 4F0000

 A54236

 350001

 C35B4D

 090000

 E17665

 000000

 FF907E

 FFAB98

 FFC7B3

 FFE4CE

 6B0A0A

 6B0A0A

■ 6B0000

■ 6B1515

■ 6B1F1F

■ 6B2A2A

■ 6B3535

■ 6B4040

■ 6B4A4A

■ 6B5555

■ 6B6060

■ 6B6A6A

Harmonies

Analogous

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



70002F



6B0A0A



582500

Triad

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



6B0A0A



004012



00377D

Complementary

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



6B0A0A



0A6B6B

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.



003F76



6B0A0A



004239

Square

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



6B0A0A



133C00



00425D



372670

Rectangle

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



6B0A0A



453000



00425D



003A7D

Sweetspot

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



6B0A0A



8C6666



6B0A6B



473131



C7C7C7



474747

Same Dimension

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



6B0A0A



8C0000



6B3A0A



363030



750000



F50000

Inverse Universe

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



0A6B6B



008C8C



0A3A6B



303636



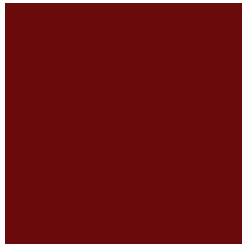
007575



00F5F5

Previews

White Background



This preview shows how the Hex color 6B0A0A looks on a white background.

Color Contrast Check

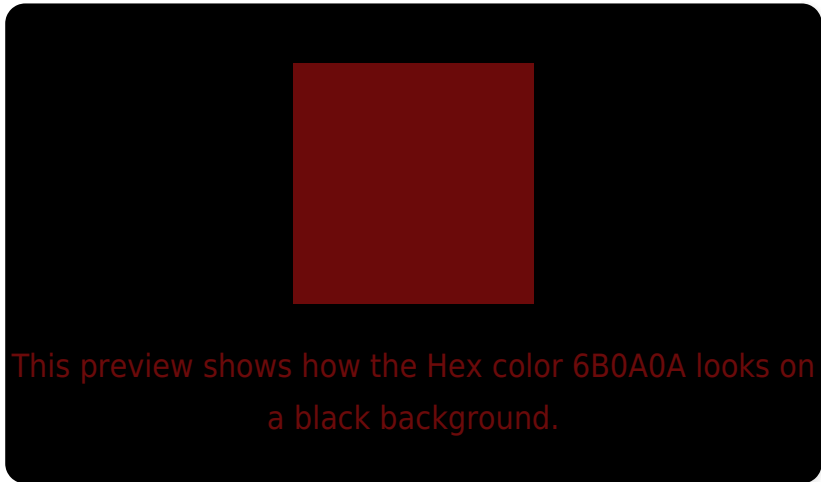
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B0A0A Background



This preview shows how black text looks on a background with the Hex color 6B0A0A.



This preview shows how white text looks on a background with the Hex color 6B0A0A.

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
6B0A0A

Protanopia
3D3713

Deuteranopia
453400



Tritanopia
6B0A06

Trichromacy



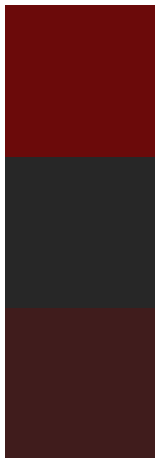
Original Color
6B0A0A

Protanomaly
4E2710

Deuteranomaly
532504

Tritanomaly
6B0A07

Monochromacy



Original Color
6B0A0A

Achromatopsia
272727

Achromatomaly
401C1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B0A0A 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 #6B0A0A looks like.

```
.text, #text, p{  
    color:#6B0A0A  
}
```

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 #6B0A0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B0A0A
}
```

Border

The CSS property to change the border of an element to Hex 6B0A0A is called "border". The border property can be set on classes, ids or directly on the HTML element.

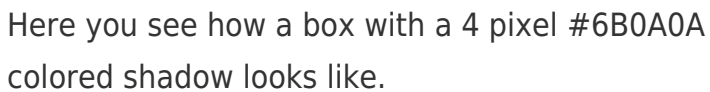
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B0A0A }
```

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

```
.border{ border-color:#6B0A0A }
```

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



Here you see how a box with a 4 pixel #6B0A0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B0A0A; -webkit-box-shadow:4px 4px  
4px 4px #6B0A0A; box-shadow:4px 4px 4px  
4px #6B0A0A }
```

Background

The CSS property to change the background color of an element to Hex 6B0A0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B0A0A }
```

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

```
.background{ background-color:#6B0A0A }
```

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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