

Converting Colors

Hex(6B0812)

Have a look what the booklet for
Hex(6B0812) contains.

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Color

Hex(6B0812)

Conversions

Conversions Part 1

Format	Color
Hex	6B0812
RGB	107, 8, 18
RGB Percent	42%, 3%, 7%
CMY	0.5804, 0.9686, 0.9294
CMYK	0.00, 0.93, 0.83, 0.58
HSL	354°, 86%, 23%
HSV	354°, 93%, 42%
XYZ	6.2594, 3.3431, 0.8876
YIQ	38.7410, 55.7940, 24.0980

Conversions

Conversions Part 2

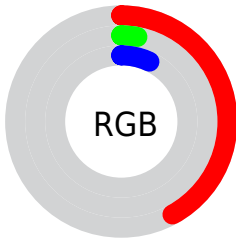
Format	Color
RYB	107, 8, 18
Decimal	7014418
CIELab	21.37, 40.84, 24.15
CIElCh	21, 47.446, 30.592
Yxy	3.3431, 0.5967, 0.3187
Android (android.graphics.Color)	4285204498 (0xFF6B0812)
YUV	38.7410, -10.2253, 59.8631
Hunter-Lab	18.2843, 29.1101, 9.9206

Details

The Hex color **6B0812** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **086B61**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **A5413C**, and **350001** is the 20% darker color. If you saturate the color by 10%, you get **6B000B**, and if you desaturate by 10%, it is **6B131C**.

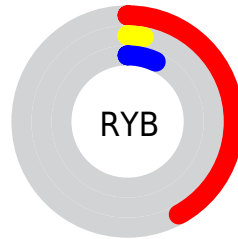
Distribution



Red (42%)

Green (3%)

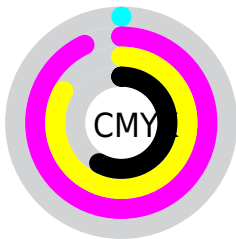
Blue (7%)



Red (42%)

Yellow (3%)

Blue (7%)

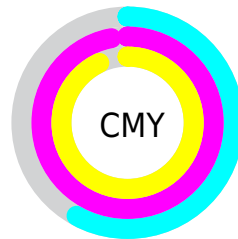


Cyan (0%)

Magenta (93%)

Yellow (83%)

Black (58%)



Cyan (58%)

Magenta (97%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B0812 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 6B0812 by changing the saturation by 10% instead.

 6B0812

 6B0812

 FFFFF2

 4F0000

 A5413C

 350001

 C25B53

 090000

 E0756C

 000000

 FF9085

 FFAB9F

 FFC7BA

 FFE3D6

 6B0812

 6B0812

■ 6B000B

■ 6B131C

■ 6B1D25

■ 6B282F

■ 6B3338

■ 6B3E42

■ 6B484C

■ 6B5355

■ 6B5E5F

■ 6B6869

Harmonies

Analogous

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



6D0034



6B0812



5A2300

Triad

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



6B0812



003F0D



00387B

Complementary

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



6B0812



086B61

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.



003F71



6B0812



004133

Square

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



6B0812



1C3B00



004256



2D2971

Rectangle

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



6B0812



492E00



004256



003B79

Sweetspot

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



6B0812



8C6569



5F086B



472F32



C7C7C7



474747

Same Dimension

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



6B0812



8C000E



6B2E08



363031



75000C



F50019

Inverse Universe

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



6B0812



8C000E



08456B



363031



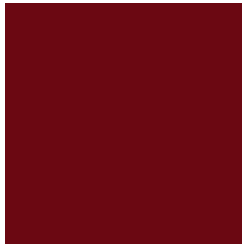
75000C



F50019

Previews

White Background



This preview shows how the Hex color 6B0812 looks on a white background.

Color Contrast Check

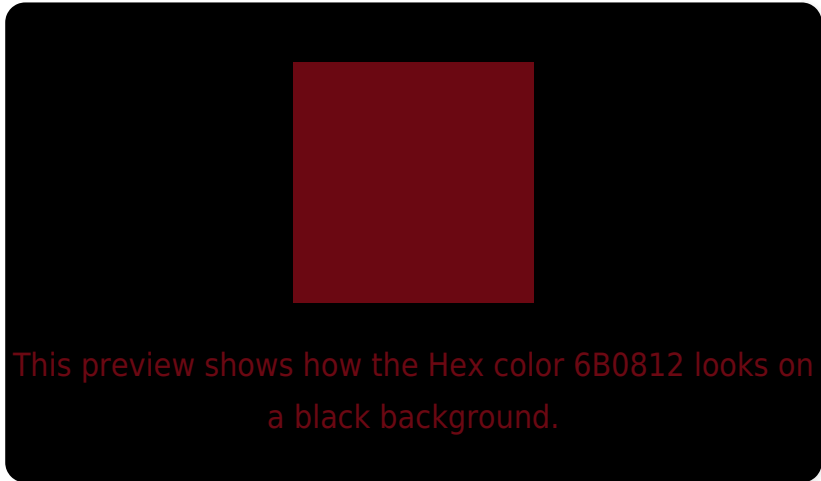
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B0812 Background



This preview shows how black text looks on a background with the Hex color 6B0812.

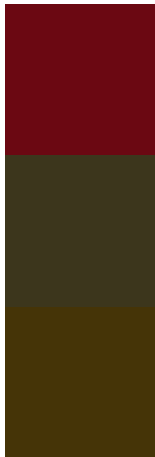


This preview shows how white text looks on a background with the Hex color 6B0812.

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
6B0812

Protanopia
3C361C

Deuteranopia
453407



Tritanopia
6B0B06

Trichromacy



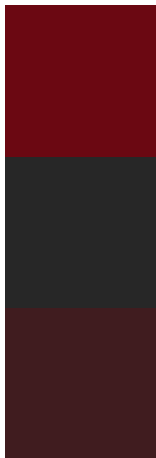
Original Color
6B0812

Protanomaly
4D2518

Deuteranomaly
53240B

Tritanomaly
6B0A0A

Monochromacy



Original Color
6B0812

Achromatopsia
272727

Achromatomaly
401C1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B0812 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 #6B0812 looks like.

```
.text, #text, p{  
    color:#6B0812  
}
```

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 #6B0812 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B0812
}
```

Border

The CSS property to change the border of an element to Hex 6B0812 is called "border". The border property can be set on classes, ids or directly on the HTML element.

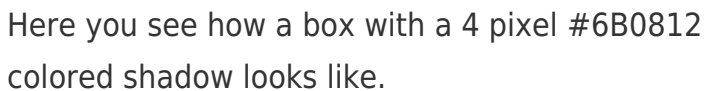
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B0812 }
```

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

```
.border{ border-color:#6B0812 }
```

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



Here you see how a box with a 4 pixel #6B0812 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B0812; -webkit-box-shadow:4px 4px  
4px 4px #6B0812; box-shadow:4px 4px 4px  
4px #6B0812 }
```

Background

The CSS property to change the background color of an element to Hex 6B0812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B0812 }
```

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

```
.background{ background-color:#6B0812 }
```

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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