

Converting Colors

Hex(6B4008)

Have a look what the booklet for
Hex(6B4008) contains.

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Color

Hex(6B4008)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 6B4008 |
| RGB | 107, 64, 8 |
| RGB Percent | 42%, 25%, 3% |
| CMY | 0.5804, 0.7490, 0.9686 |
| CMYK | 0.00, 0.40, 0.93, 0.58 |
| HSL | 34°, 86%, 23% |
| HSV | 34°, 93%, 42% |
| XYZ | 7.9406, 6.8101, 1.1257 |
| YIQ | 70.4730, 43.6040, -8.3000 |

Conversions

Conversions Part 2

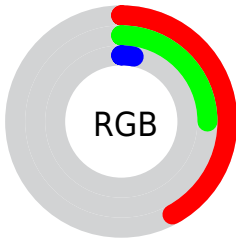
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 84, 107, 8 |
| Decimal | 7028744 |
| CIE _{Lab} | 31.37, 14.40, 38.10 |
| CIE _{LCh} | 31, 40.732, 69.304 |
| Yxy | 6.8101, 0.5002, 0.4289 |
| Android (android.graphics.Color) | 4285218824 (0xFF6B4008) |
| YUV | 70.4730, -30.7992, 32.0342 |
| Hunter-Lab | 26.0962, 8.6461, 15.7098 |

Details

The Hex color **6B4008** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **08336B**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A37039**, and **361500** is the 20% darker color. If you saturate the color by 10%, you get **6B3D00**, and if you desaturate by 10%, it is **6B4513**.

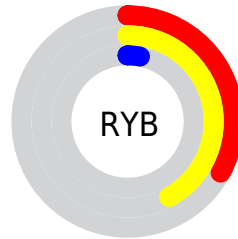
Distribution



Red (42%)

Green (25%)

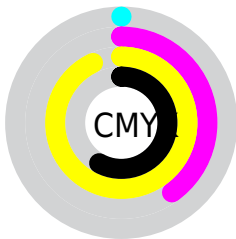
Blue (3%)



Red (33%)

Yellow (42%)

Blue (3%)

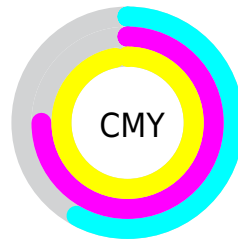


Cyan (0%)

Magenta (40%)

Yellow (93%)

Black (58%)



Cyan (58%)

Magenta (75%)

Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6B4008 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 6B4008 by changing the saturation by 10% instead.

 6B4008

 6B4008

 FFFFF2

 512A00

 A37039

 361500

 BF8951

 1F0000

 DCA46A

 000000

 FABF83

 FFDB9E

 FFF7B9

 FFFF5D

 6B4008

 6B4008

■ 6B3D00

■ 6B4513

■ 6B491D

■ 6B4E28

■ 6B5333

■ 6B573E

■ 6B5C48

■ 6B6153

■ 6B655E

■ 6B6A68

Harmonies

Analogous

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



7D3223



6B4008



504B00

Triad

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



6B4008



005953



583D7C

Complementary

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



6B4008



08336B

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.



0B4A89



6B4008



005872

Square

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



6B4008



005732



005385



772F61

Rectangle

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



6B4008



3A510A



005385



474282

Sweetspot

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



6B4008



8C7B65



6B0835



473D2F



C7C7C7



474747

Same Dimension

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



6B4008



8C4F00



666B08



363330



754200



F58A00

Inverse Universe

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



08336B



003D8C



0D086B



303336



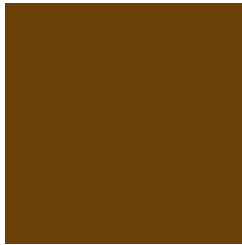
003375



006AF5

Previews

White Background



This preview shows how the Hex color 6B4008 looks on a white background.

Color Contrast Check

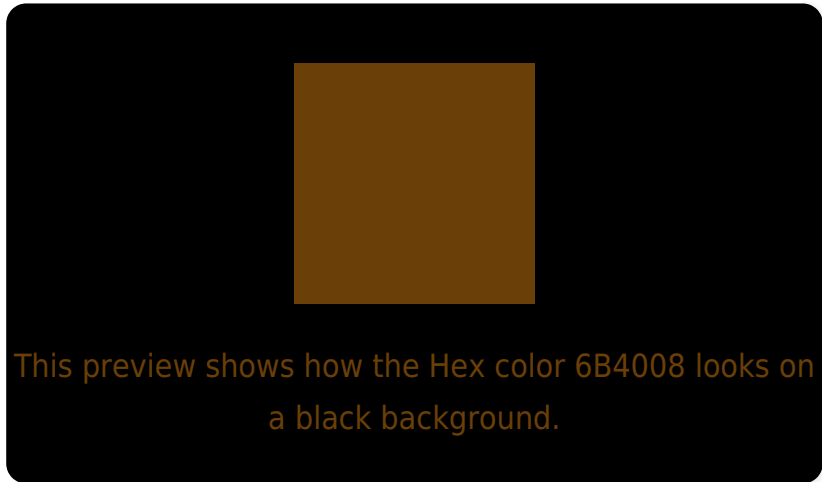
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B4008 Background



This preview shows how black text looks on a background with the Hex color 6B4008.



This preview shows how white text looks on a background with the Hex color 6B4008.

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
6B4008

Protanopia
544B0C

Deuteranopia
5E4700



Tritanopia
6D3C40

Trichromacy



Original Color
6B4008

Protanomaly
5C470B

Deuteranomaly
634403

Tritanomaly
6C3D2C

Monochromacy



Original Color
6B4008

Achromatopsia
464646

Achromatomaly
53442F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B4008 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 #6B4008 looks like.

```
.text, #text, p{  
    color:#6B4008  
}
```

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 #6B4008 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4008
}
```

Border

The CSS property to change the border of an element to Hex 6B4008 is called "border". The border property can be set on classes, ids or directly on the HTML element.

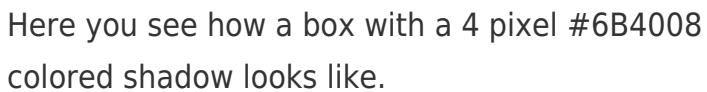
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4008 }
```

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

```
.border{ border-color:#6B4008 }
```

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



Here you see how a box with a 4 pixel #6B4008 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4008; -webkit-box-shadow:4px 4px  
4px 4px #6B4008; box-shadow:4px 4px 4px  
4px #6B4008 }
```

Background

The CSS property to change the background color of an element to Hex 6B4008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4008 }
```

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

```
.background{ background-color:#6B4008 }
```

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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