

# Converting Colors

Hex(6B8036)

Have a look what the booklet for  
Hex(6B8036) contains.

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**Color**

**Hex(6B8036)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 6B8036                      |
| RGB         | 107, 128, 54                |
| RGB Percent | 42%, 50%, 21%               |
| CMY         | 0.5804, 0.4980, 0.7882      |
| CMYK        | 0.16, 0.00, 0.58, 0.50      |
| HSL         | 77°, 41%, 36%               |
| HSV         | 77°, 58%, 50%               |
| XYZ         | 14.4484, 18.8305, 6.3632    |
| YIQ         | 113.2850, 11.2380, -27.4660 |

# Conversions

## Conversions Part 2

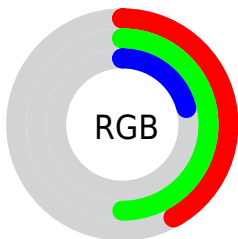
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 54, 128, 75                    |
| Decimal                             | 7045174                        |
| CIELab                              | 50.49, -19.74, 37.02           |
| CIELCh                              | 50, 41.956, 118.066            |
| Yxy                                 | 18.8305, 0.3645,<br>0.4750     |
| Android<br>(android.graphics.Color) | 4285235254<br>(0xFF6B8036)     |
| YUV                                 | 113.2850, -29.2275,<br>-5.5119 |
| Hunter-Lab                          | 43.3941, -16.5066,<br>21.6818  |

# Details

The Hex color **6B8036** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B3680**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **A0B567**, and **394F03** is the 20% darker color. If you saturate the color by 10%, you get **678029**, and if you desaturate by 10%, it is **6F8043**.

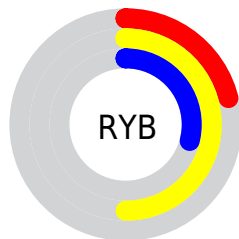
# Distribution



Red (42%)

Green (50%)

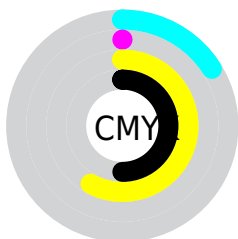
Blue (21%)



Red (21%)

Yellow (50%)

Blue (29%)

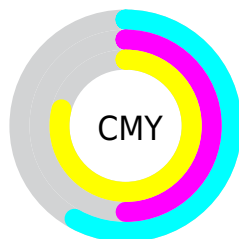


Cyan (16%)

Magenta (0%)

Yellow (58%)

Black (50%)



Cyan (58%)

Magenta (50%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B8036 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 6B8036 by changing the saturation by 10% instead.



 6B8036

 6B8036

FFFFFF

 52671E

 A0B567

 394F03

 BCD081

 223800

 D8ED9C

 062200

 F5FFB7

 000300

 FFFFD3

 000000

 FFFFF0

 6B8036

 6B8036

 678029

 6F8043

64801C

728050

608010

76805C

5C8003

7A8069

5C8000

7D8076

818083

848090

88809C

8C80A9

# Harmonies

## Analogous

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



8F752E



6B8036



3D8751

# Triad

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



6B8036



0085B4



B8597C

# Complementary

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



6B8036



4B3680

# 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.



A2629E



6B8036



287DBF

# Square

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



6B8036



008A99



7670B7



B95D59

# Rectangle

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



6B8036



008968



7670B7



B35B88



# Sweetspot

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



6B8036



9EA68A



804B36



4F5443



D4D4D4



545454



# Same Dimension

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



6B8036



85A633



468036



3E4039



5B8000



000000



# Inverse Universe

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



4B3680



5433A6



703680



3B3940



240080



000000



# Previews

## White Background



This preview shows how the Hex color 6B8036 looks on a white background.

## Color Contrast Check

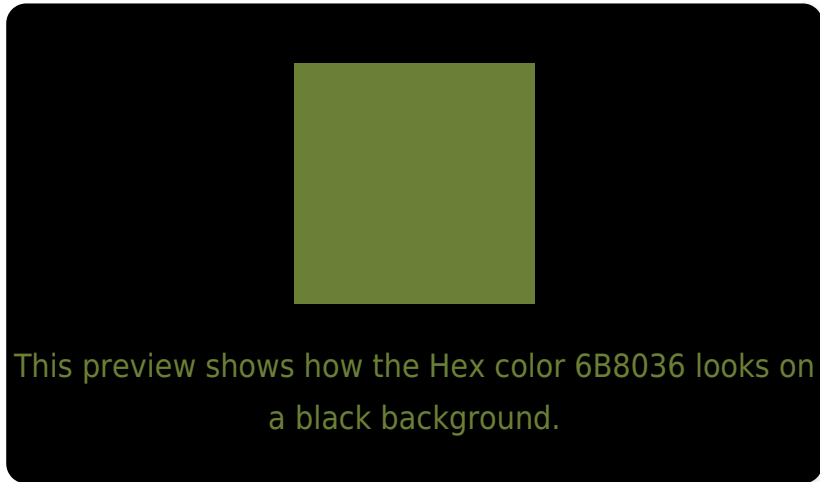
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

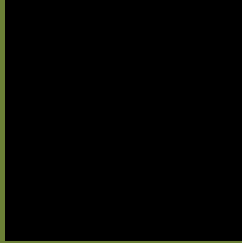
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B8036 Background



This preview shows how black text looks on a background with the Hex color 6B8036.



This preview shows how white text looks on a background with the Hex color 6B8036.

# 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**  
6B8036

**Protanopia**  
857834

**Deuteranopia**  
94723A



**Tritanopia**  
747882

# Trichromacy



**Original Color**  
6B8036

**Protanomaly**  
7C7B35

**Deuteranomaly**  
857739

**Tritanomaly**  
717B66

# Monochromacy



**Original Color**  
6B8036

**Achromatopsia**  
717171

**Achromatomaly**  
6F765C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B8036 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 #6B8036 looks like.

```
.text, #text, p{  
    color:#6B8036  
}
```

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 #6B8036 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B8036
}
```

## Border

The CSS property to change the border of an element to Hex 6B8036 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
#6B8036 }
```

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

```
.border{ border-color:#6B8036 }
```

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

Here you see how a box with a 4 pixel #6B8036 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B8036; -webkit-box-shadow:4px 4px  
4px 4px #6B8036; box-shadow:4px 4px 4px  
4px #6B8036 }
```

# Background

The CSS property to change the background color of an element to Hex 6B8036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B8036 }
```

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

```
.background{ background-color:#6B8036 }
```

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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