

# Converting Colors

Hex(6B8436)

Have a look what the booklet for  
Hex(6B8436) contains.

<b>Hex(6B8436)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(6B8436)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B8436
RGB	107, 132, 54
RGB Percent	42%, 52%, 21%
CMY	0.5804, 0.4824, 0.7882
CMYK	0.19, 0.00, 0.59, 0.48
HSL	79°, 42%, 36%
HSV	79°, 59%, 52%
XYZ	14.9805, 19.8947, 6.5405
YIQ	115.6330, 10.1380, -29.5580

# Conversions

## Conversions Part 2

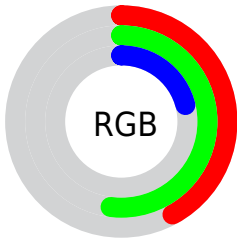
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 132, 79
Decimal	7046198
CIELab	51.72, -21.80, 38.43
CIELCh	52, 44.182, 119.570
Yxy	19.8947, 0.3617, 0.4804
Android (android.graphics.Color)	4285236278 (0xFF6B8436)
YUV	115.6330, -30.3851, -7.5711
Hunter-Lab	44.6034, -18.1050, 22.5283

# Details

The Hex color **6B8436** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4F3684**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A0B968**, and **395202** is the 20% darker color. If you saturate the color by 10%, you get **678429**, and if you desaturate by 10%, it is **6F8443**.

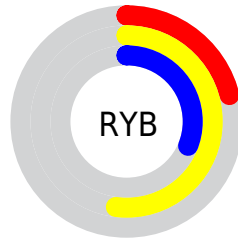
# Distribution



Red (42%)

Green (52%)

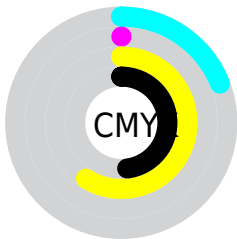
Blue (21%)



Red (21%)

Yellow (52%)

Blue (31%)

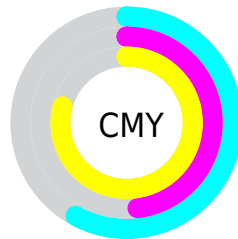


Cyan (19%)

Magenta (0%)

Yellow (59%)

Black (48%)



Cyan (58%)

Magenta (48%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B8436 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 6B8436 by changing the saturation by 10% instead.



 6B8436

 6B8436

FFFFFF

 516B1D

 A0B968

 395202

 BCD582

 223B00

 D8F19C

 062500

 F5FFB7

 000C00

 FFFFD3

 000000

 FFFFF0

 6B8436

 6B8436

 678429

 6F8443

■ 63841C

■ 738450

■ 5E840E

■ 78845E

■ 5A8401

■ 7C846B

■ 5A8400

■ 808478

■ 848485

■ 898492

■ 8D84A0

■ 9184AD

# Harmonies

## Analogous

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



91792C



6B8436



388B53

# Triad

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



6B8436



0089BC



BF5A7D

# Complementary

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



6B8436



4F3684

# 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.



A963A2



6B8436



2980C7

# Square

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



6B8436



008D9F



7C72BD



C05E58

# Rectangle

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



6B8436



008D6C



7C72BD



BA5C8A



# Sweetspot

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



6B8436



A1AB8C



844F36



515744



D6D6D6



575757



# Same Dimension

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



6B8436



84AB32



448436



40423C



588200



020300



# Inverse Universe

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



4F3684



5832AB



763684



3E3C42



2A0082



010003



# Previews

## White Background



This preview shows how the Hex color 6B8436 looks on a white background.

## Color Contrast Check

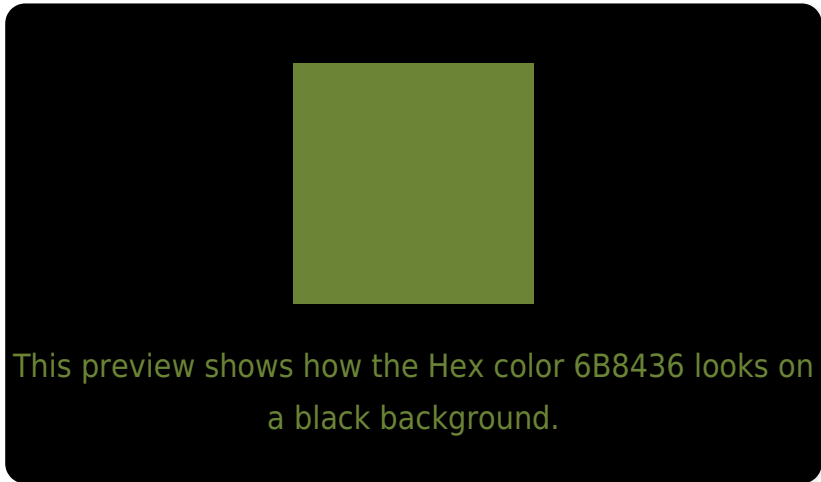
Large Text (above 18pt) WCAG AA ✓ Pass

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

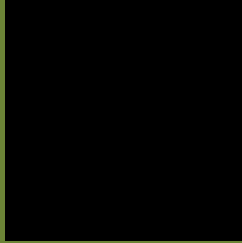
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6B8436 Background



This preview shows how black text looks on a background with the Hex color 6B8436.



This preview shows how white text looks on a background with the Hex color 6B8436.

# 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](#).

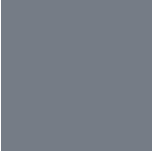
## Dichromacy



**Original Color**  
6B8436

**Protanopia**  
897B33

**Deuteranopia**  
98753A

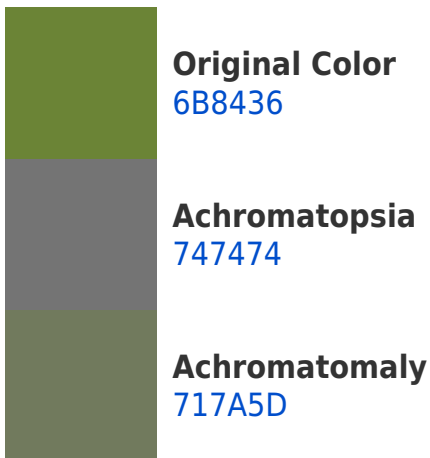


**Tritanopia**  
757C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B8436 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 #6B8436 looks like.

```
.text, #text, p{  
    color:#6B8436  
}
```

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 #6B8436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B8436
}
```

## Border

The CSS property to change the border of an element to Hex 6B8436 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
#6B8436 }
```

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

```
.border{ border-color:#6B8436 }
```

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

Here you see how a box with a 4 pixel #6B8436 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B8436; -webkit-box-shadow:4px 4px  
4px 4px #6B8436; box-shadow:4px 4px 4px  
4px #6B8436 }
```

# Background

The CSS property to change the background color of an element to Hex 6B8436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B8436 }
```

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

```
.background{ background-color:#6B8436 }
```

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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