

# Converting Colors

Hex(8B6111)

Have a look what the booklet for  
Hex(8B6111) contains.

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**Color**

**Hex(8B6111)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B6111
RGB	139, 97, 17
RGB Percent	55%, 38%, 7%
CMY	0.4549, 0.6196, 0.9333
CMYK	0.00, 0.30, 0.88, 0.45
HSL	39°, 78%, 31%
HSV	39°, 88%, 55%
XYZ	15.0233, 14.0788, 2.4560
YIQ	100.4380, 50.7120, -15.9760

# Conversions

## Conversions Part 2

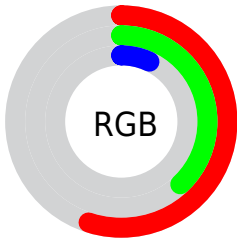
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 139, 17
Decimal	9134353
CIE <sub>Lab</sub>	44.35, 10.23, 47.54
CIE <sub>LCh</sub>	44, 48.624, 77.854
Yxy	14.0788, 0.4761, 0.4461
Android (android.graphics.Color)	4287324433 (0xFF8B6111)
YUV	100.4380, -41.1349, 33.8189
Hunter-Lab	37.5218, 5.8065, 22.3844

# Details

The Hex color **8B6111** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **113B8B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **C49345**, and **543300** is the 20% darker color. If you saturate the color by 10%, you get **8B5C03**, and if you desaturate by 10%, it is **8B661F**.

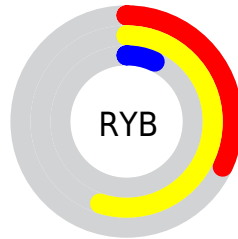
# Distribution



Red (55%)

Green (38%)

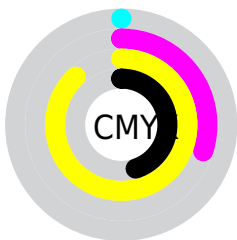
Blue (7%)



Red (32%)

Yellow (55%)

Blue (7%)

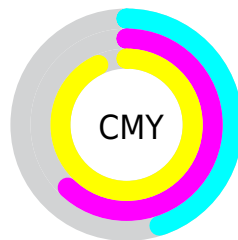


Cyan (0%)

Magenta (30%)

Yellow (88%)

Black (45%)



Cyan (45%)

Magenta (62%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B6111 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 8B6111 by changing the saturation by 10% instead.



 8B6111

 8B6111

FFFFFF

 6F4900

 C49345

 543300

 E2AE5E

 391E00

 FFC978

 210700

 FFE593

 000000

 FFFFAE

 FFFFCA

 FFFF66

 8B6111

 8B6111

■ 8B5C03

■ 8B661F

■ 8B5B00

■ 8B6B2D

■ 8B6F3B

■ 8B7449

■ 8B7956

■ 8B7E64

■ 8B8272

■ 8B8780

■ 8B8C8E

# Harmonies

## Analogous

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



A6502E



8B6111



666E10

# Triad

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



8B6111



007C80



8953A0

# Complementary

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



8B6111



113B8B

# 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.



4865B6



8B6111



0079A4

# Square

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



8B6111



007B56



0072B8



AA447B

# Rectangle

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



8B6111



487423



0072B8



7859A9



# Sweetspot

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



8B6111



B5A586



8B113C



5C523F



DBDBDB



5C5C5C



# Same Dimension

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



8B6111



B57700



798B11



45423E



855700



050300



# Inverse Universe

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



113B8B



003EB5



23118B



3E4045



002E85

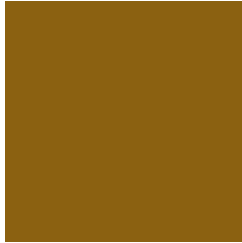


000205



# Previews

## White Background



This preview shows how the Hex color 8B6111 looks on a white background.

## Color Contrast Check

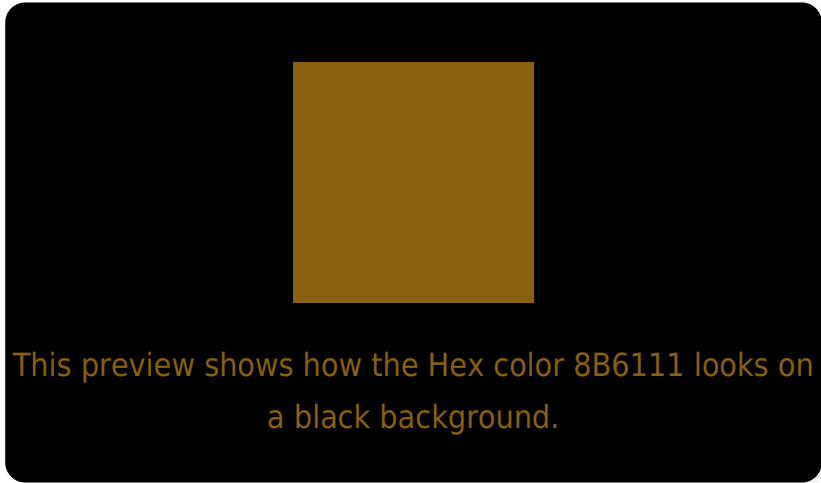
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 8B6111 Background



This preview shows how black text looks on a background with the Hex color 8B6111.



This preview shows how white text looks on a background with the Hex color 8B6111.

# 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**  
8B6111

**Protanopia**  
776A13

**Deuteranopia**  
85640F



**Tritanopia**  
8F5A61

# Trichromacy



**Original Color**  
8B6111

**Protanomaly**  
7E6712

**Deuteranomaly**  
876310

**Tritanomaly**  
8E5D44

# Monochromacy



**Original Color**  
8B6111

**Achromatopsia**  
646464

**Achromatomaly**  
726346

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B6111 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 #8B6111 looks like.

```
.text, #text, p{  
    color:#8B6111  
}
```

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 #8B6111 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B6111
}
```

## Border

The CSS property to change the border of an element to Hex 8B6111 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
#8B6111 }
```

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

```
.border{ border-color:#8B6111 }
```

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

Here you see how a box with a 4 pixel #8B6111 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B6111; -webkit-box-shadow:4px 4px  
4px 4px #8B6111; box-shadow:4px 4px 4px  
4px #8B6111 }
```

# Background

The CSS property to change the background color of an element to Hex 8B6111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B6111 }
```

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

```
.background{ background-color:#8B6111 }
```

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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