

# Converting Colors

Hex(8D6811)

Have a look what the booklet for  
Hex(8D6811) contains.

<b>Hex(8D6811)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(8D6811)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8D6811
RGB	141, 104, 17
RGB Percent	55%, 41%, 7%
CMY	0.4471, 0.5922, 0.9333
CMYK	0.00, 0.26, 0.88, 0.45
HSL	42°, 78%, 31%
HSV	42°, 88%, 55%
XYZ	16.0360, 15.6038, 2.6970
YIQ	105.1450, 49.9790, -19.2130

# Conversions

## Conversions Part 2

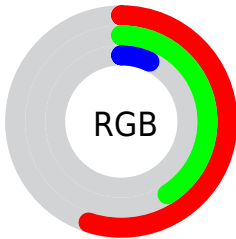
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 141, 17
Decimal	9267217
CIE Lab	46.45, 7.10, 49.37
CIE LCh	46, 49.881, 81.815
Yxy	15.6038, 0.4670, 0.4544
Android (android.graphics.Color)	4287457297 (0xFF8D6811)
YUV	105.1450, -43.4555, 31.4448
Hunter-Lab	39.5017, 3.3355, 23.6032

# Details

The Hex color **8D6811** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **11368D**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **C69B46**, and **563900** is the 20% darker color. If you saturate the color by 10%, you get **8D6403**, and if you desaturate by 10%, it is **8D6C1F**.

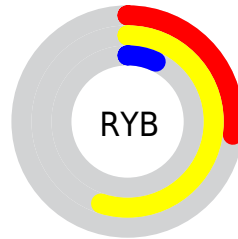
# Distribution



Red (55%)

Green (41%)

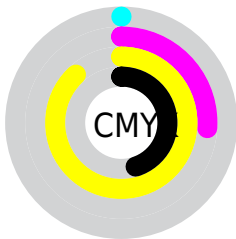
Blue (7%)



Red (27%)

Yellow (55%)

Blue (7%)

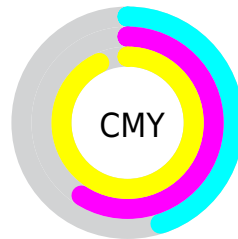


Cyan (0%)

Magenta (26%)

Yellow (88%)

Black (45%)



Cyan (45%)

Magenta (59%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D6811 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 8D6811 by changing the saturation by 10% instead.



 8D6811

 8D6811

FFFFFF

 715000

 C69B46

 563900

 E4B660

 3C2400

 FFD17A

 231000

 FFED95

 000000

 FFFF80

 FFFFCC

 FFFF88

 8D6811

 8D6811

 8D6403

 8D6C1F

 8D6300

 8D702D

 8D753B

 8D7949

 8D7D58

 8D8166

 8D8574

 8D8A82

 8D8E90

# Harmonies

## Analogous

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



AA572D



8D6811



667516

# Triad

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



8D6811



00828C



9555A2

# Complementary

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



8D6811



11368D

# 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.



5968BC



8D6811



007FAF

# Square

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



8D6811



008161



0076C1



B4477B

# Rectangle

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



8D6811



457B2B



0076C1



855CAD



# Sweetspot

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



8D6811



B8A988



8D1136



5C533F



DBDBDB



5C5C5C



# Same Dimension

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



8D6811



B88100



748D11



474540



875F00



080500



# Inverse Universe

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



11368D



0037B8



2A118D



404247



002887

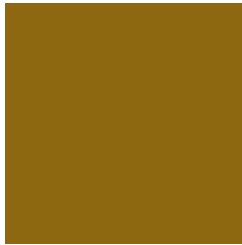


000208



# Previews

## White Background



This preview shows how the Hex color 8D6811 looks on a white background.

## Color Contrast Check

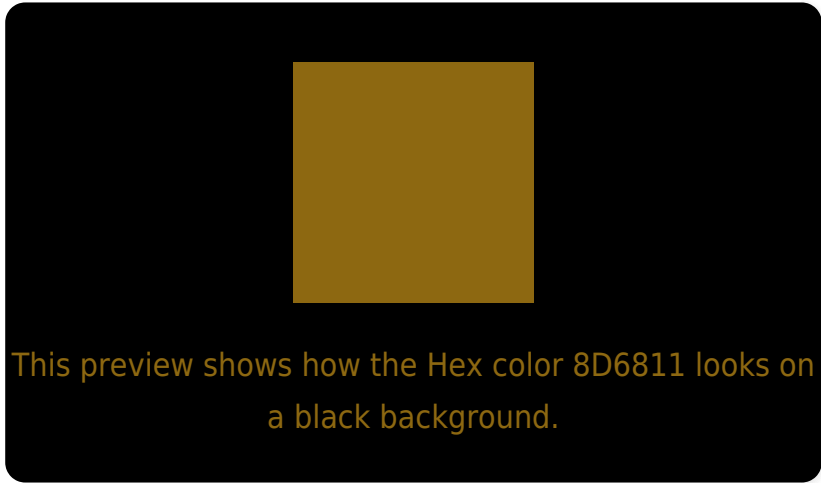
Large Text (above 18pt) WCAG AA ✓ Pass

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 8D6811 Background



This preview shows how black text looks on a background with the Hex color 8D6811.



This preview shows how white text looks on a background with the Hex color 8D6811.

# 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**  
8D6811

**Protanopia**  
7C6F13

**Deuteranopia**  
8B6910

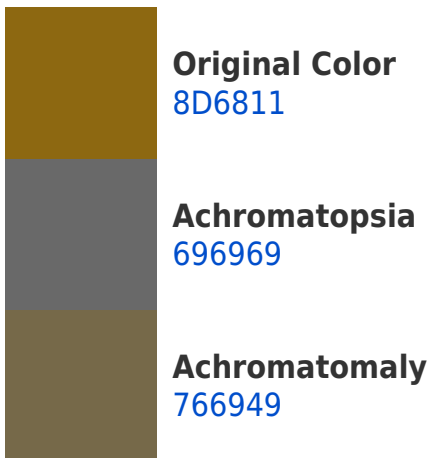


**Tritanopia**  
926168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D6811 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 #8D6811 looks like.

```
.text, #text, p{  
    color:#8D6811  
}
```

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 #8D6811 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D6811
}
```

## Border

The CSS property to change the border of an element to Hex 8D6811 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
#8D6811 }
```

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

```
.border{ border-color:#8D6811 }
```

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

Here you see how a box with a 4 pixel #8D6811 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D6811; -webkit-box-shadow:4px 4px  
4px 4px #8D6811; box-shadow:4px 4px 4px  
4px #8D6811 }
```

# Background

The CSS property to change the background color of an element to Hex 8D6811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D6811 }
```

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

```
.background{ background-color:#8D6811 }
```

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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