

# Converting Colors

Hex(8D651B)

Have a look what the booklet for  
Hex(8D651B) contains.

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**Color**

**Hex(8D651B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8D651B
RGB	141, 101, 27
RGB Percent	55%, 40%, 11%
CMY	0.4471, 0.6039, 0.8941
CMYK	0.00, 0.28, 0.81, 0.45
HSL	39°, 68%, 33%
HSV	39°, 81%, 55%
XYZ	15.8360, 15.0492, 3.1071
YIQ	104.5240, 47.5940, -14.5340

# Conversions

## Conversions Part 2

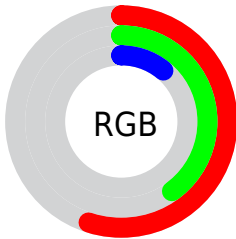
Format	Color
R <sub>Y</sub> B	89, 141, 27
Decimal	9266459
CIE Lab	45.70, 9.18, 45.27
CIE LCh	46, 46.186, 78.541
Yxy	15.0492, 0.4659, 0.4427
Android (android.graphics.Color)	4287456539 (0xFF8D651B)
YUV	104.5240, -38.2193, 31.9895
Hunter-Lab	38.7933, 4.9781, 22.4066

# Details

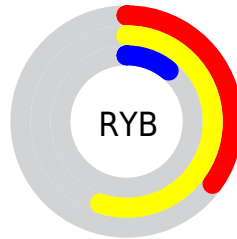
The Hex color **8D651B** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1B438D**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **C6984D**, and **573600** is the 20% darker color. If you saturate the color by 10%, you get **8D600D**, and if you desaturate by 10%, it is **8D6A29**.

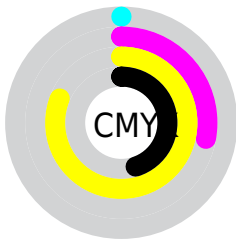
# Distribution



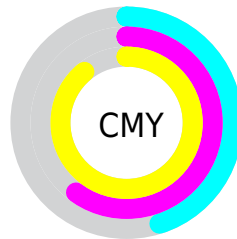
- Red (55%)
- Green (40%)
- Blue (11%)



- Red (35%)
- Yellow (55%)
- Blue (11%)



- Cyan (0%)
- Magenta (28%)
- Yellow (81%)
- Black (45%)



- Cyan (45%)
- Magenta (60%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D651B 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 8D651B by changing the saturation by 10% instead.



 8D651B

 8D651B

FFFFFF

 714D00

 C6984D

 573600

 E4B266

 3C2100

 FFCE80

 230D00

 FFEA9B

 000000

 FFFFB6

 FFFF D2

 FFFF EF

 8D651B

 8D651B

■ 8D600D

■ 8D6A29

■ 8D5C00

■ 8D6F37

■ 8D7445

■ 8D7953

■ 8D7E62

■ 8D8370

■ 8D887E

■ 8D8D8C

■ 8D929A

# Harmonies

## Analogous

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



A75633



8D651B



6A721C

# Triad

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



8D651B



007F84



8C58A0

# Complementary

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



8D651B



1B438D

# 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.



5268B6



8D651B



007CA5

# Square

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



8D651B



007E5C



0075B8



AB4A7D

# Rectangle

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



8D651B



4D772C



0075B8



7C5DA9



# Sweetspot

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



8D651B



B8A88C



8D1B45



5C5241



DBDBDB



5C5C5C



# Same Dimension

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



8D651B



B87906



7E8D1B



474540



875800



080500



# Inverse Universe

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



1B438D



0644B8



2A1B8D



404347



002F87

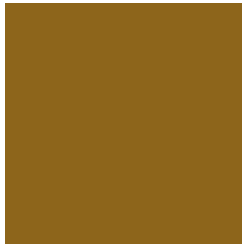


000308



# Previews

## White Background



This preview shows how the Hex color 8D651B looks on a white background.

## Color Contrast Check

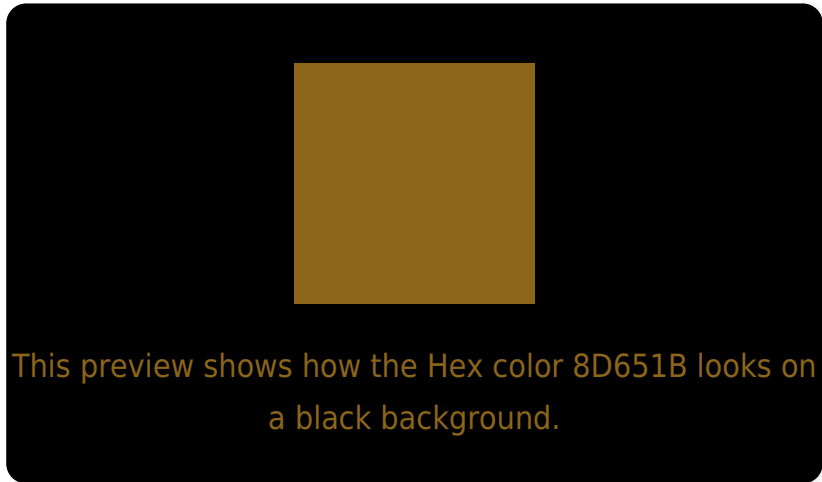
Large Text (above 18pt) WCAG AA ✓ Pass

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 8D651B Background



This preview shows how black text looks on a background with the Hex color 8D651B.



This preview shows how white text looks on a background with the Hex color 8D651B.

# 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**  
8D651B

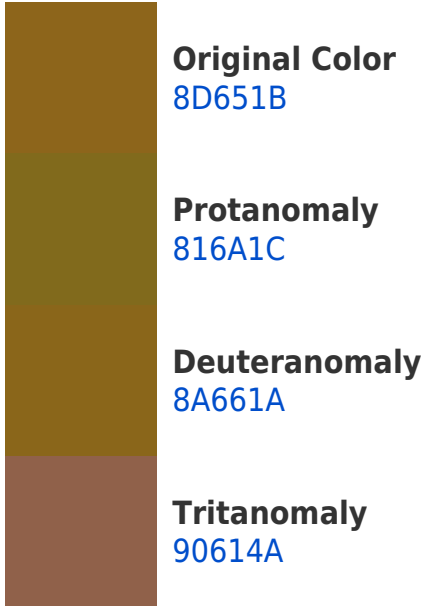
**Protanopia**  
7A6D1D

**Deuteranopia**  
89671A

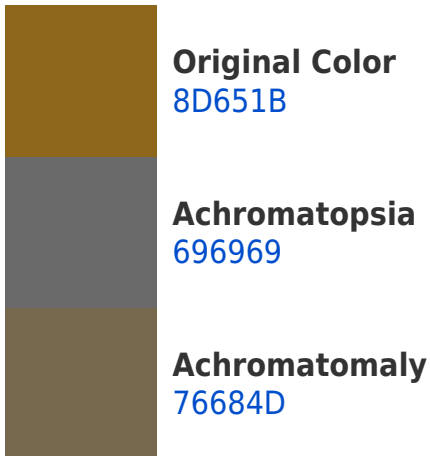


**Tritanopia**  
915E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D651B 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 #8D651B looks like.

```
.text, #text, p{  
    color:#8D651B  
}
```

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 #8D651B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D651B
}
```

## Border

The CSS property to change the border of an element to Hex 8D651B 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
#8D651B }
```

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

```
.border{ border-color:#8D651B }
```

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

Here you see how a box with a 4 pixel #8D651B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D651B; -webkit-box-shadow:4px 4px  
4px 4px #8D651B; box-shadow:4px 4px 4px  
4px #8D651B }
```

# Background

The CSS property to change the background color of an element to Hex 8D651B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D651B }
```

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

```
.background{ background-color:#8D651B }
```

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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