

# Converting Colors

Hex(8D5033)

Have a look what the booklet for  
Hex(8D5033) contains.

<b>Hex(8D5033)</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(8D5033)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D5033
RGB	141, 80, 51
RGB Percent	55%, 31%, 20%
CMY	0.4471, 0.6863, 0.8000
CMYK	0.00, 0.43, 0.64, 0.45
HSL	19°, 47%, 38%
HSV	19°, 64%, 55%
XYZ	14.4507, 11.6391, 4.6169
YIQ	94.9330, 45.6650, 3.9130

# Conversions

## Conversions Part 2

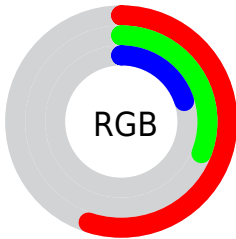
Format	Color
R <sub>Y</sub> B	141, 94, 51
Decimal	9261107
CIE Lab	40.64, 22.74, 27.91
CIE LCh	41, 35.998, 50.827
Yxy	11.6391, 0.4706, 0.3790
Android (android.graphics.Color)	4287451187 (0xFF8D5033)
YUV	94.9330, -21.6590, 40.4008
Hunter-Lab	34.1161, 15.9050, 15.8576

# Details

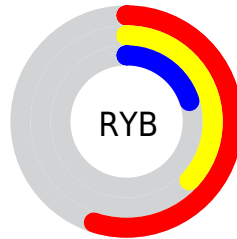
The Hex color **8D5033** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **33708D**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **C68262**, and **562206** is the 20% darker color. If you saturate the color by 10%, you get **8D4625**, and if you desaturate by 10%, it is **8D5A41**.

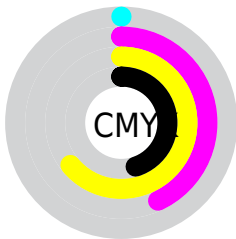
# Distribution



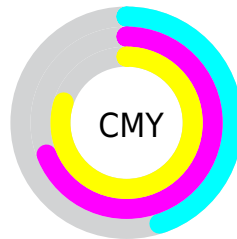
- Red (55%)
- Green (31%)
- Blue (20%)



- Red (55%)
- Yellow (37%)
- Blue (20%)



- Cyan (0%)
- Magenta (43%)
- Yellow (64%)
- Black (45%)



- Cyan (45%)
- Magenta (69%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D5033 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 8D5033 by changing the saturation by 10% instead.



 8D5033

 8D5033

FFFFFF

 71381D

 C68262

 562206

 E39C7B

 3C0C00

 FFB795

 260001

 FFD3B0

 000000

 FFEFCC

 FFFFEE

 8D5033

 8D5033

 8D4625

 8D5A41

■ 8D3D17

■ 8D634F

■ 8D3309

■ 8D6D5D

■ 8D2D00

■ 8D766B

■ 8D807A

■ 8D8988

■ 8D9396

■ 8D9CA4

■ 8DA6B2

# Harmonies

## Analogous

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



97474C



8D5033



785B24

# Triad

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



8D5033



006E55



525C97

# Complementary

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



8D5033



33708D

# 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.



00669A



8D5033



006E74

# Square

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



8D5033



3A6B39



006C8D



7B5085

# Rectangle

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



8D5033



666223



006C8D



405F9A



# Sweetspot

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



8D5033



B8A095



8D3371



5C4D47



DBDBDB



5C5C5C



# Same Dimension

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



8D5033



B8582A



8D7D33



474340



872C00



080200



# Inverse Universe

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



33708D



2A8AB8



33448D



404547



005C87



000508



# Previews

## White Background



This preview shows how the Hex color 8D5033 looks on a white background.

## Color Contrast Check

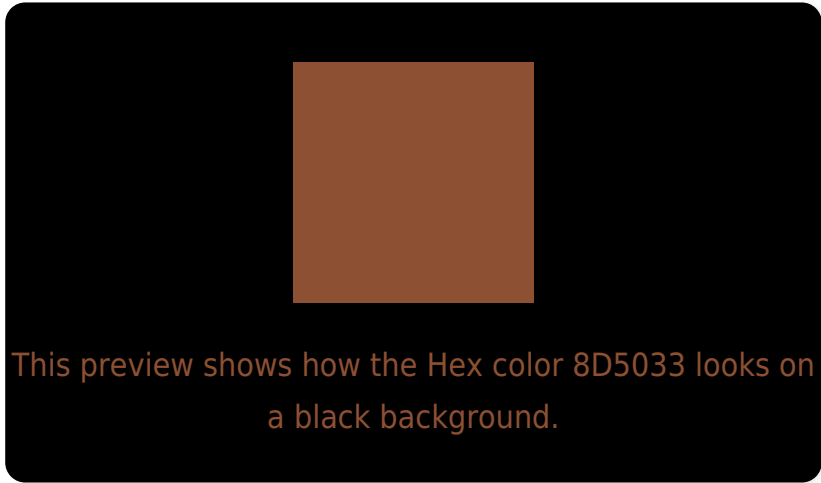
Large Text (above 18pt) WCAG AA ✓ Pass

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

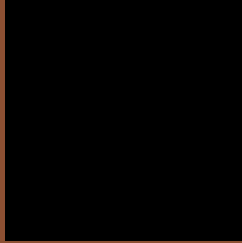
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8D5033 Background



This preview shows how black text looks on a background with the Hex color 8D5033.



This preview shows how white text looks on a background with the Hex color 8D5033.

# 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**  
8D5033

**Protanopia**  
696039

**Deuteranopia**  
765C30



**Tritanopia**  
8F4C52

# Trichromacy



**Original Color**  
8D5033

**Protanomaly**  
765A37

**Deuteranomaly**  
7E5831

**Tritanomaly**  
8E4D47

# Monochromacy



**Original Color**  
8D5033

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
705A4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D5033 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 #8D5033 looks like.

```
.text, #text, p{  
    color:#8D5033  
}
```

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 #8D5033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D5033 }  
}
```

## Border

The CSS property to change the border of an element to Hex 8D5033 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 #8D5033 }  
}
```

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

```
.border{ border-color:#8D5033 }
```

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

Here you see how a box with a 4 pixel #8D5033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D5033; -webkit-box-shadow:4px 4px  
4px 4px #8D5033; box-shadow:4px 4px 4px  
4px #8D5033 }
```

# Background

The CSS property to change the background color of an element to Hex 8D5033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D5033 }
```

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

```
.background{ background-color:#8D5033 }
```

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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