

# Converting Colors

Hex(8B5555)

Have a look what the booklet for  
Hex(8B5555) contains.

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**Color**

**Hex(8B5555)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B5555
RGB	139, 85, 85
RGB Percent	55%, 33%, 33%
CMY	0.4549, 0.6667, 0.6667
CMYK	0.00, 0.39, 0.39, 0.45
HSL	0°, 24%, 44%
HSV	0°, 39%, 55%
XYZ	15.5357, 12.6418, 10.2156
YIQ	101.1460, 32.1840, 11.4480

# Conversions

## Conversions Part 2

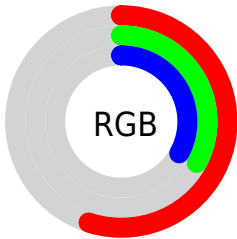
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 85, 85
Decimal	9131349
CIE Lab	42.22, 22.44, 9.50
CIE LCh	42, 24.365, 22.942
Yxy	12.6418, 0.4046, 0.3293
Android (android.graphics.Color)	4287321429 (0xFF8B5555)
YUV	101.1460, -7.9600, 33.1980
Hunter-Lab	35.5554, 15.7723, 7.8538

# Details

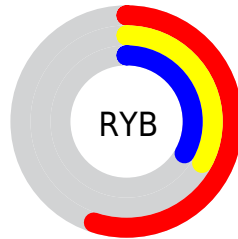
The Hex color **8B5555** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **558B8B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **C28787**, and **572628** is the 20% darker color. If you saturate the color by 10%, you get **8B4747**, and if you desaturate by 10%, it is **8B6363**.

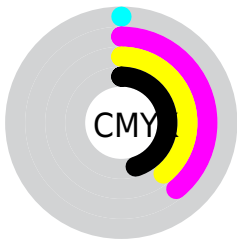
# Distribution



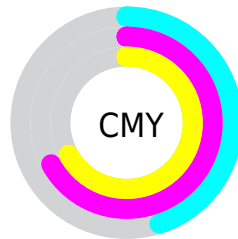
- Red (55%)
- Green (33%)
- Blue (33%)



- Red (55%)
- Yellow (33%)
- Blue (33%)



- Cyan (0%)
- Magenta (39%)
- Yellow (39%)
- Black (45%)



- Cyan (45%)
- Magenta (67%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B5555 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 8B5555 by changing the saturation by 10% instead.



 8B5555

 8B5555

FFFFFF

 703D3E

 C28787

 572628

 DFA2A1

 3E1014

 FCBDBC

 280000

 FFD9D7

 000000

 FFF6F4

 8B5555

 8B5555

 8B4747

 8B6363

 8B3939

 8B7171

 8B2B2B

 8B7F7F

 8B1D1D

 8B8D8D

 8B0F0F

 8B9B9B

 8B0202

 8BA8A8

 8B0000

 8BB6B6

 8BC4C4

 8BD2D2

# Harmonies

## Analogous

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



875569



8B5555



845A44

# Triad

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



8B5555



4A6C4B



3F678B

# Complementary

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



8B5555



558B8B

# 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.



1F6C83



8B5555



316E5E

# Square

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



8B5555



61673E



196E73



5F6089

# Rectangle

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



8B5555



7B5E3D



196E73



34698A



# Sweetspot

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



8B5555



B59F9F



8B558B



5C4F4F



DBDBDB



5C5C5C



# Same Dimension

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



8B5555



B56060



8B7055



453E3E



850000



050000



# Inverse Universe

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



558B8B



60B5B5



55708B



3E4545



008585

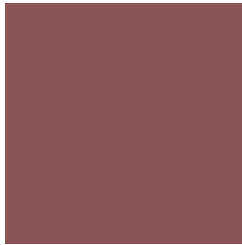


000505



# Previews

## White Background



This preview shows how the Hex color 8B5555 looks on a white background.

## Color Contrast Check

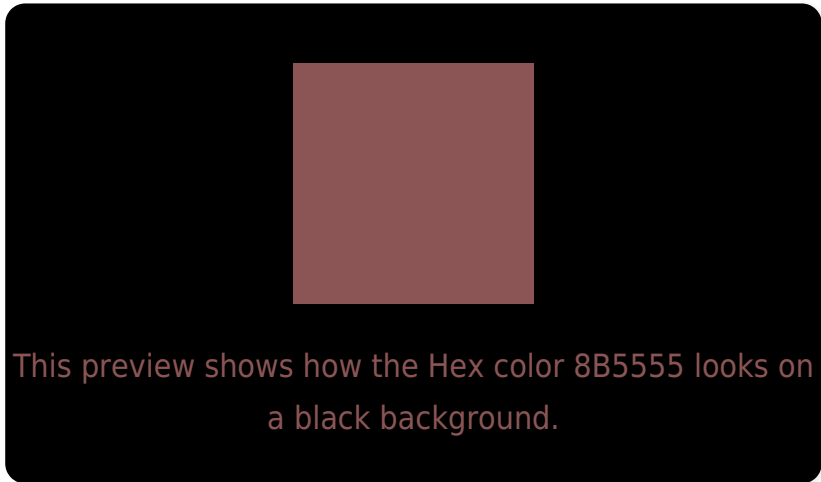
Large Text (above 18pt) WCAG AA ✓ Pass

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

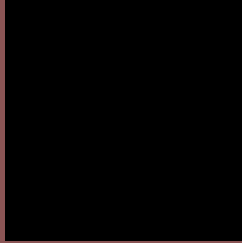
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B5555 Background



This preview shows how black text looks on a background with the Hex color 8B5555.



This preview shows how white text looks on a background with the Hex color 8B5555.

# 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**  
8B5555

**Protanopia**  
68645D

**Deuteranopia**  
746053



**Tritanopia**  
8B545A

# Trichromacy



**Original Color**  
8B5555

**Protanomaly**  
755F5A

**Deuteranomaly**  
7C5C54

**Tritanomaly**  
8B5458

# Monochromacy



**Original Color**  
8B5555

**Achromatopsia**  
656565

**Achromatomaly**  
735F5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B5555 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 #8B5555 looks like.

```
.text, #text, p{  
    color:#8B5555  
}
```

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 #8B5555 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B5555
}
```

## Border

The CSS property to change the border of an element to Hex 8B5555 is called "border". The border property can be set on classes, ids or directly on the HTML element.

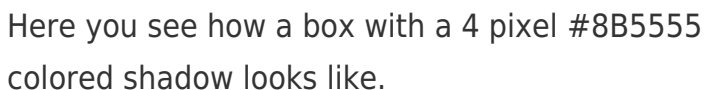
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B5555 }
```

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

```
.border{ border-color:#8B5555 }
```

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



Here you see how a box with a 4 pixel #8B5555 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B5555; -webkit-box-shadow:4px 4px  
4px 4px #8B5555; box-shadow:4px 4px 4px  
4px #8B5555 }
```

# Background

The CSS property to change the background color of an element to Hex 8B5555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B5555 }
```

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

```
.background{ background-color:#8B5555 }
```

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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