

Converting Colors

Hex(8B5646)

Have a look what the booklet for
Hex(8B5646) contains.

Hex(8B5646)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8B5646)

Conversions

Conversions Part 1

Format	Color
Hex	8B5646
RGB	139, 86, 70
RGB Percent	55%, 34%, 27%
CMY	0.4549, 0.6627, 0.7255
CMYK	0.00, 0.38, 0.50, 0.45
HSL	14°, 33%, 41%
HSV	14°, 50%, 55%
XYZ	15.0807, 12.5867, 7.4290
YIQ	100.0230, 36.7240, 6.2600

Conversions

Conversions Part 2

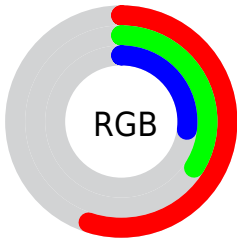
Format	Color
R_{YB}	139, 91, 70
Decimal	9131590
CIE Lab	42.13, 20.11, 18.51
CIE LCh	42, 27.328, 42.624
Yxy	12.5867, 0.4297, 0.3586
Android (android.graphics.Color)	4287321670 (0xFF8B5646)
YUV	100.0230, -14.8013, 34.1828
Hunter-Lab	35.4778, 13.7898, 12.4192

Details

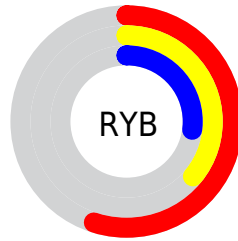
The Hex color **8B5646** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **467B8B**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **C38876**, and **56281A** is the 20% darker color. If you saturate the color by 10%, you get **8B4B38**, and if you desaturate by 10%, it is **8B6154**.

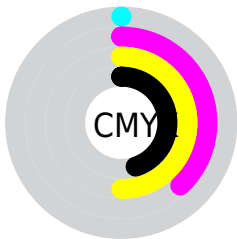
Distribution



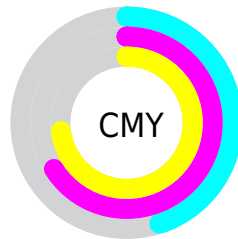
- Red (55%)
- Green (34%)
- Blue (27%)



- Red (55%)
- Yellow (36%)
- Blue (27%)



- Cyan (0%)
- Magenta (38%)
- Yellow (50%)
- Black (45%)



- Cyan (45%)
- Magenta (66%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B5646 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 8B5646 by changing the saturation by 10% instead.

 8B5646

 8B5646

FFFFFF

 703E30

 C38876

 56281A

 DFA390

 3D1200

 FDBEAB

 260000

 FFDAC6

 000000

 FFF6E2

 8B5646

 8B5646

 8B4B38

 8B6154

 8B412A

 8B6B62

 8B361C

 8B7670

 8B2B0E

 8B817E

 8B2101

 8B8B8B

 8B2000

 8B9699

 8BA1A7

 8BABB5

 8BB6C3

Harmonies

Analogous

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



8F525B



8B5646



7D5E39

Triad

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



8B5646



326E55



52628F

Complementary

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



8B5646



467B8B

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.



28698E



8B5646



066F6C

Square

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



8B5646



506B41



006E81



725A85

Rectangle

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



8B5646



706336



006E81



456590

Sweetspot

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



8B5646



B5A09A



8B467C



5C4F4B



DBDBDB



5C5C5C

Same Dimension

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



8B5646



B56248



8B7746



45403E



851F00



050100

Inverse Universe

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



467B8B



489CB5



465A8B



3E4345



006685



000405

Previews

White Background



This preview shows how the Hex color 8B5646 looks on a white background.

Color Contrast Check

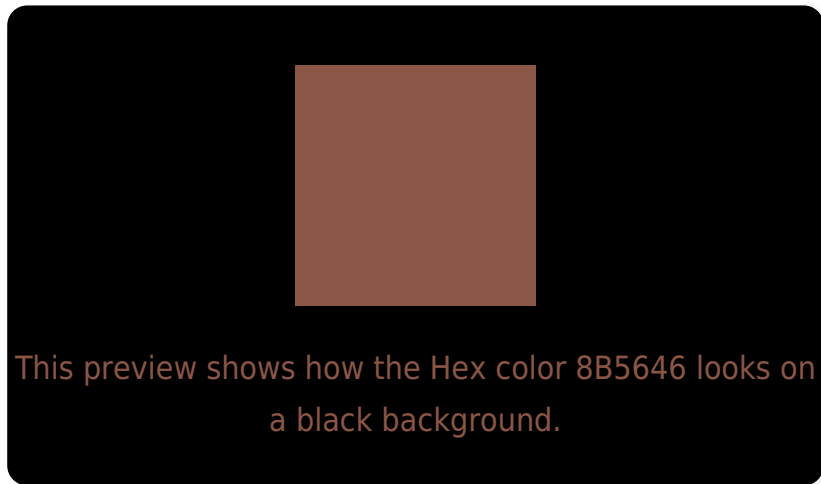
Large Text (above 18pt) WCAG AA ✓ Pass

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

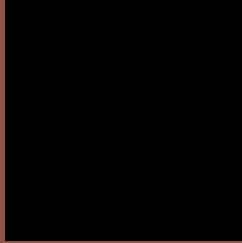
Any Text WCAG AA × Fail

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 8B5646 Background



This preview shows how black text looks on a background with the Hex color 8B5646.



This preview shows how white text looks on a background with the Hex color 8B5646.

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
8B5646

Protanopia
6B644C

Deuteranopia
776044



Tritanopia
8D5359

Trichromacy



Original Color
8B5646

Protanomaly
775F4A

Deuteranomaly
7E5C45

Tritanomaly
8C5452

Monochromacy



Original Color
8B5646

Achromatopsia
646464

Achromatomaly
725F59

CSS Examples

Text

The CSS property to change the color of the text to Hex 8B5646 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 #8B5646 looks like.

```
.text, #text, p{  
    color:#8B5646  
}
```

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 #8B5646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B5646
}
```

Border

The CSS property to change the border of an element to Hex 8B5646 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
#8B5646 }
```

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

```
.border{ border-color:#8B5646 }
```

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

Here you see how a box with a 4 pixel #8B5646 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B5646; -webkit-box-shadow:4px 4px  
4px 4px #8B5646; box-shadow:4px 4px 4px  
4px #8B5646 }
```

Background

The CSS property to change the background color of an element to Hex 8B5646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B5646 }
```

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

```
.background{ background-color:#8B5646 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor