

# Converting Colors

Hex(8A4722)

Have a look what the booklet for  
Hex(8A4722) contains.

<b>Hex(8A4722)</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(8A4722)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A4722
RGB	138, 71, 34
RGB Percent	54%, 28%, 13%
CMY	0.4588, 0.7216, 0.8667
CMYK	0.00, 0.49, 0.75, 0.46
HSL	21°, 60%, 34%
HSV	21°, 75%, 54%
XYZ	13.0232, 10.0252, 2.7620
YIQ	86.8150, 51.8090, 2.6970

# Conversions

## Conversions Part 2

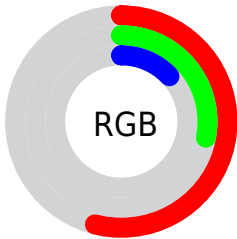
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 91, 34
Decimal	9062178
CIE Lab	37.89, 25.49, 34.14
CIE LCh	38, 42.612, 53.253
Yxy	10.0252, 0.5046, 0.3884
Android (android.graphics.Color)	4287252258 (0xFF8A4722)
YUV	86.8150, -26.0378, 44.8892
Hunter-Lab	31.6627, 18.0094, 16.9918

# Details

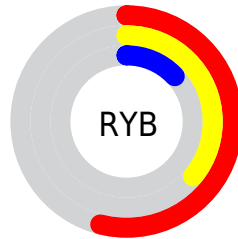
The Hex color **8A4722** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **22658A**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **C47850**, and **531900** is the 20% darker color. If you saturate the color by 10%, you get **8A3E14**, and if you desaturate by 10%, it is **8A5030**.

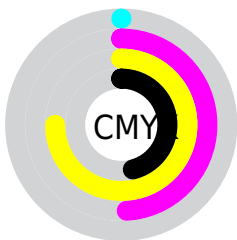
# Distribution



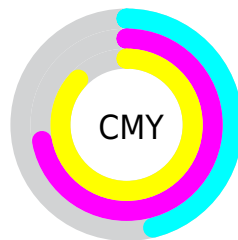
- Red (54%)
- Green (28%)
- Blue (13%)



- Red (54%)
- Yellow (36%)
- Blue (13%)



- Cyan (0%)
- Magenta (49%)
- Yellow (75%)
- Black (46%)



- Cyan (46%)
- Magenta (72%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A4722 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 8A4722 by changing the saturation by 10% instead.



 8A4722

 8A4722

FFFFFF

 6E300B

 C47850

 531900

 E19369

 370300

 FFAD83

 1E0001

 FFC99D

 000000

 FFE5B8

 FFFFD4

 FFFFF0

 8A4722

 8A4722

■ 8A3E14

■ 8A5030

■ 8A3506

■ 8A593E

■ 8A3100

■ 8A624B

■ 8A6B59

■ 8A7367

■ 8A7C75

■ 8A8583

■ 8A8E90

■ 8A979E

# Harmonies

## Analogous

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



973B40



8A4722



71550C

# Triad

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



8A4722



006950



4B5399

# Complementary

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



8A4722



22658A

# 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.



005F9E



8A4722



006973

# Square

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



8A4722



23662E



006790



7B4483

# Rectangle

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



8A4722



5C5C0C



006790



31589C



# Sweetspot

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



8A4722



B39889



8A2266



594940



D9D9D9



595959



# Same Dimension

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



8A4722



B34B12



8A7A22



45403E



852F00



050200



# Inverse Universe

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



22658A



1279B3



22328A



3E4245



005585



000305



# Previews

## White Background



This preview shows how the Hex color 8A4722 looks on a white background.

## Color Contrast Check

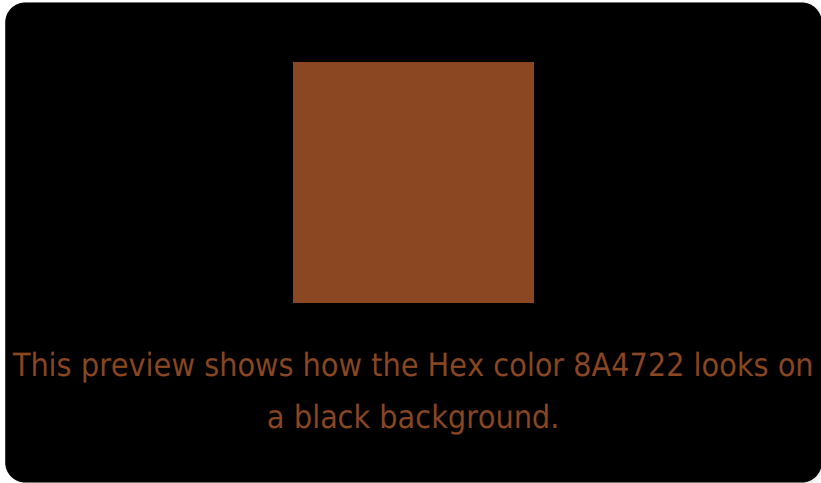
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A4722 Background



This preview shows how black text looks on a background with the Hex color 8A4722.



This preview shows how white text looks on a background with the Hex color 8A4722.

# 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**


8A4722

**Protanopia**

645A27

**Deuteranopia**

70551E



**Tritanopia**  
8C4348

# Trichromacy



**Original Color**  
8A4722

**Protanomaly**  
725325

**Deuteranomaly**  
79501F

**Tritanomaly**  
8B443A

# Monochromacy



**Original Color**  
8A4722

**Achromatopsia**  
575757

**Achromatomaly**  
6A5144

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A4722 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 #8A4722 looks like.

```
.text, #text, p{  
    color:#8A4722  
}
```

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 #8A4722 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A4722
}
```

## Border

The CSS property to change the border of an element to Hex 8A4722 is called "border". The border property can be set on classes, ids or directly on the HTML element.

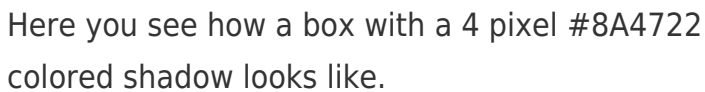
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A4722 }
```

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

```
.border{ border-color:#8A4722 }
```

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



Here you see how a box with a 4 pixel #8A4722 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A4722; -webkit-box-shadow:4px 4px  
4px 4px #8A4722; box-shadow:4px 4px 4px  
4px #8A4722 }
```

# Background

The CSS property to change the background color of an element to Hex 8A4722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A4722 }
```

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

```
.background{ background-color:#8A4722 }
```

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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