

# Converting Colors

Hex(BE5A18)

Have a look what the booklet for  
Hex(BE5A18) contains.

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**Color**

**Hex(BE5A18)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE5A18
RGB	190, 90, 24
RGB Percent	75%, 35%, 9%
CMY	0.2549, 0.6471, 0.9059
CMYK	0.00, 0.53, 0.87, 0.25
HSL	24°, 78%, 42%
HSV	24°, 87%, 75%
XYZ	25.0562, 18.3254, 3.0807
YIQ	112.3760, 80.7860, 0.6740

# Conversions

## Conversions Part 2

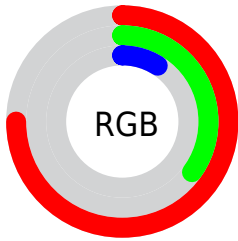
Format	Color
<a href="#">RYB</a>	190, 134, 24
Decimal	12474904
CIELab	49.89, 36.60, 52.66
CIElCh	50, 64.126, 55.200
Yxy	18.3254, 0.5393, 0.3944
Android (android.graphics.Color)	4290664984 (0xFFBE5A18)
YUV	112.3760, -43.5694, 68.0762
Hunter-Lab	42.8082, 29.5642, 25.6989

# Details

The Hex color **BE5A18** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **187CBE**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FC8E4B**, and **822800** is the 20% darker color. If you saturate the color by 10%, you get **BE4F05**, and if you desaturate by 10%, it is **BE652B**.

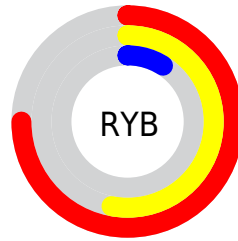
# Distribution



Red (75%)

Green (35%)

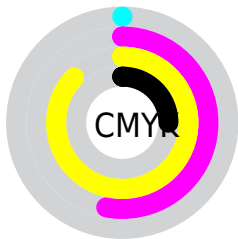
Blue (9%)



Red (75%)

Yellow (53%)

Blue (9%)

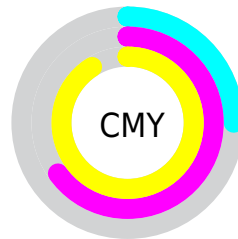


Cyan (0%)

Magenta (53%)

Yellow (87%)

Black (25%)



Cyan (25%)

Magenta (65%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE5A18 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 BE5A18 by changing the saturation by 10% instead.



 BE5A18

 BE5A18

FFFFFF

 9F4100

 FC8E4B

 822800

 FFA965

 640D00

 FFC57F

 470000

 FFE199

 2F0002

 FFFEB5

 000000

 FFFFD1

 FFFFED

 BE5A18

 BE5A18

■ BE4F05

■ BE652B

■ BE4C00

■ BE713E

■ BE7C51

■ BE8864

■ BE9377

■ BE9F8A

■ BEAA9D

■ BEB6B0

■ BEC1C3

# Harmonies

## Analogous

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



D4414C



BE5A18



967100

# Triad

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



BE5A18



008E6C



616CDA

# Complementary

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



BE5A18



187CBE

# 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.



0080E4



BE5A18



008FA4

# Square

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



BE5A18



008A33



008BD0



AF51B6

# Rectangle

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



BE5A18



757D00



008BD0



2974E1



# Sweetspot

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



BE5A18



F7D1B7



BE187E



7D6656



FCFCFC



7D7D7D



# Same Dimension

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



BE5A18



F76200



BEAB18



5E5955



9E3F00



1F0C00



# Inverse Universe

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



187CBE



0095F7



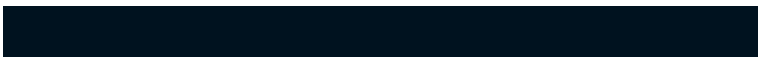
182BBE



555B5E



005F9E



00121F



# Previews

## White Background



This preview shows how the Hex color BE5A18 looks on a white background.

## Color Contrast Check

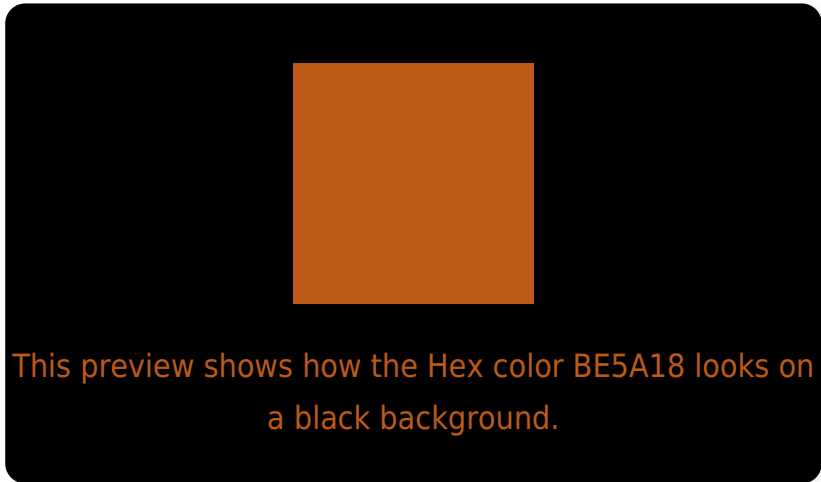
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BE5A18 Background



This preview shows how black text looks on a background with the Hex color BE5A18.



This preview shows how white text looks on a background with the Hex color BE5A18.

# 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**  
BE5A18

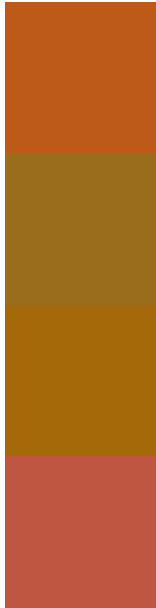
**Protanopia**  
867820

**Deuteranopia**  
977100



**Tritanopia**  
C0545A

# Trichromacy



**Original Color**  
BE5A18

**Protanomaly**  
9A6D1D

**Deuteranomaly**  
A56909

**Tritanomaly**  
BF5642

# Monochromacy



**Original Color**  
BE5A18

**Achromatopsia**  
707070

**Achromatomaly**  
8C6850

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE5A18 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 #BE5A18 looks like.

```
.text, #text, p{  
    color:#BE5A18  
}
```

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 #BE5A18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE5A18  
}
```

## Border

The CSS property to change the border of an element to Hex BE5A18 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  
#BE5A18 }
```

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

```
.border{ border-color:#BE5A18 }
```

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

Here you see how a box with a 4 pixel #BE5A18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE5A18; -webkit-box-shadow:4px 4px  
4px 4px #BE5A18; box-shadow:4px 4px 4px  
4px #BE5A18 }
```

# Background

The CSS property to change the background color of an element to Hex BE5A18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE5A18 }
```

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

```
.background{ background-color:#BE5A18 }
```

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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