

Converting Colors

Hex(BE5602)

Have a look what the booklet for
Hex(BE5602) contains.

Hex(BE5602)	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(BE5602)

Conversions

Conversions Part 1

Format	Color
Hex	BE5602
RGB	190, 86, 2
RGB Percent	75%, 34%, 1%
CMY	0.2549, 0.6627, 0.9922
CMYK	0.00, 0.55, 0.99, 0.25
HSL	27°, 98%, 38%
HSV	27°, 99%, 75%
XYZ	24.5740, 17.6071, 2.1608
YIQ	107.5200, 88.9480, -4.0760

Conversions

Conversions Part 2

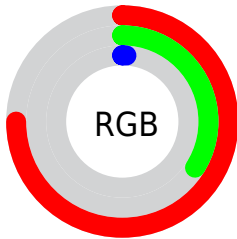
Format	Color
R_{YB}	190, 154, 2
Decimal	12473858
CIE Lab	49.02, 38.29, 57.95
CIE LCh	49, 69.455, 56.547
Yxy	17.6071, 0.5542, 0.3971
Android (android.graphics.Color)	4290663938 (0xFFBE5602)
YUV	107.5200, -52.0214, 72.3350
Hunter-Lab	41.9608, 31.1053, 26.3195

Details

The Hex color **BE5602** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **026ABE**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FD8A3E**, and **812400** is the 20% darker color. If you saturate the color by 10%, you get **BE5500**, and if you desaturate by 10%, it is **BE6115**.

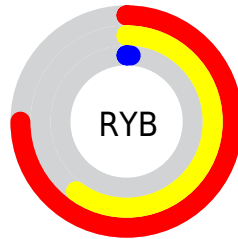
Distribution



Red (75%)

Green (34%)

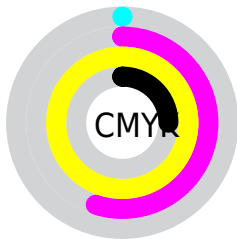
Blue (1%)



Red (75%)

Yellow (60%)

Blue (1%)

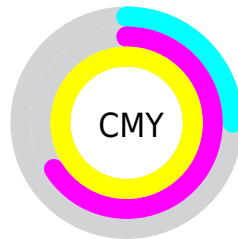


Cyan (0%)

Magenta (55%)

Yellow (99%)

Black (25%)



Cyan (25%)

Magenta (66%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color BE5602 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 BE5602 by changing the saturation by 10% instead.

 BE5602

 BE5602

FFFFFFD

 9F3D00

 FD8A3E

 812400

 FFA558

 630600

 FFC172

 460000

 FFDD8C

 2E0002

 FFFAA8

 000000

 FFFFC3

 FFFFEO

 BE5602

 BE5602

■ BE5500

■ BE6115

■ BE6B28

■ BE763B

■ BE804E

■ BE8B61

■ BE9574

■ BEA087

■ BEAA9A

■ BEB5AD

Harmonies

Analogous

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



D73744



BE5602



937000

Triad

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



BE5602



008D6C



5F68DF

Complementary

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



BE5602



026ABE

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.



007EEB



BE5602



008EA8

Square

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



BE5602



00892D



008AD7



B348B6

Rectangle

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



BE5602



6F7C00



008AD7



1570E7

Sweetspot

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



BE5602



F7CEAD



BE026D



7D6450



FCFCFC



7D7D7D

Same Dimension

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



BE5602



F76F00



BEB102



5E5955



9E4700



1F0E00

Inverse Universe

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



026ABE



0089F7



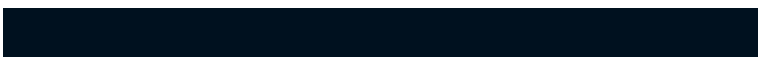
020FBE



555A5E



00579E



00111F

Previews

White Background



This preview shows how the Hex color BE5602 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 BE5602 Background



This preview shows how black text looks on a background with the Hex color BE5602.



This preview shows how white text looks on a background with the Hex color BE5602.

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

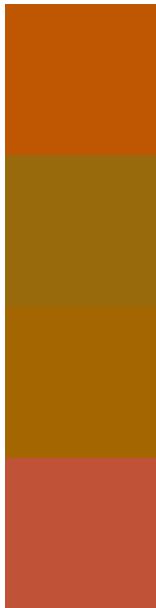


Original Color
BE5602

Protanopia
847512

Deuteranopia
946F00

Trichromacy



Original Color
BE5602

Protanomaly
996A0C

Deuteranomaly
A36601

Tritanomaly
BF5237

Monochromacy



Original Color
BE5602

Achromatopsia
6C6C6C

Achromatomaly
8A6445

CSS Examples

Text

The CSS property to change the color of the text to Hex BE5602 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 #BE5602 looks like.

```
.text, #text, p{  
    color:#BE5602  
}
```

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 #BE5602 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE5602
}
```

Border

The CSS property to change the border of an element to Hex BE5602 is called "border". The border property can be set on classes, ids or directly on the HTML element.

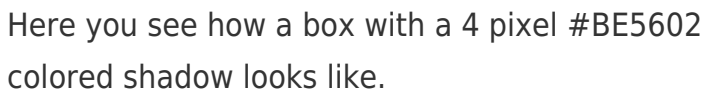
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE5602 }
```

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

```
.border{ border-color:#BE5602 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #BE5602 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE5602; -webkit-box-shadow:4px 4px  
4px 4px #BE5602; box-shadow:4px 4px 4px  
4px #BE5602 }
```

Background

The CSS property to change the background color of an element to Hex BE5602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE5602 }
```

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

```
.background{ background-color:#BE5602 }
```

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