

Converting Colors

Hex(BF5E00)

Have a look what the booklet for
Hex(BF5E00) contains.

Hex(BF5E00)	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(BF5E00)

Conversions

Conversions Part 1

Format	Color
Hex	BF5E00
RGB	191, 94, 0
RGB Percent	75%, 37%, 0%
CMY	0.2510, 0.6314, 1.0000
CMYK	0.00, 0.51, 1.00, 0.25
HSL	30°, 100%, 37%
HSV	30°, 100%, 75%
XYZ	25.4886, 19.0818, 2.3398
YIQ	112.2870, 87.9860, -8.6700

Conversions

Conversions Part 2

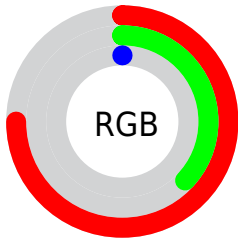
Format	Color
R_{YB}	191, 185, 0
Decimal	12541440
CIE _{Lab}	50.78, 34.58, 59.54
CIE _{LCh}	51, 68.851, 59.855
Yxy	19.0818, 0.5433, 0.4068
Android (android.graphics.Color)	4290731520 (0xFFBF5E00)
YUV	112.2870, -55.3575, 69.0313
Hunter-Lab	43.6827, 27.7089, 27.4022

Details

The Hex color **BF5E00** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0061BF**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FE923E**, and **822D00** is the 20% darker color. If you saturate the color by 10%, you get **BF5E00**, and if you desaturate by 10%, it is **BF6813**.

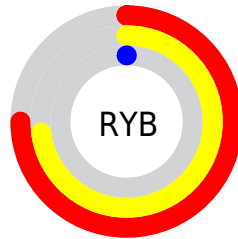
Distribution



Red (75%)

Green (37%)

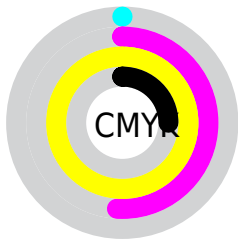
Blue (0%)



Red (75%)

Yellow (73%)

Blue (0%)

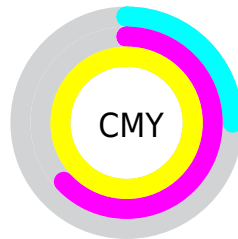


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BF5E00 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 BF5E00 by changing the saturation by 10% instead.

 BF5E00

 BF5E00

FFFFFFE

 A04500

 FE923E

 822D00

 FFAD58

 641300

 FFC973

 480000

 FFE58D

 2F0001

 FFFFA9

 000000

 FFFFC5

 FFFFE1

 BF5E00

 BF6813

 BF7126

 BF7B39

 BF854C

 BF8F60

 BF9873

 BFA286

 BFAC99

 BFB5AC

Harmonies

Analogous

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



DB4042



BF5E00



927600

Triad

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



BF5E00



009277



7269E0

Complementary

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



BF5E00



0061BF

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.



0081EF



BF5E00



0092B2

Square

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



BF5E00



008F39



008DDF



BE4AB5

Rectangle

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



BF5E00



6D8200



008DDF



4272E9

Sweetspot

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



BF5E00



F7D2AD



BF0063



7D6650



FCFCFC



7D7D7D

Same Dimension

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



BF5E00



F77A00



BFBC00



5E5A55



9E4E00



1F0F00

Inverse Universe

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



0061BF



007EF7



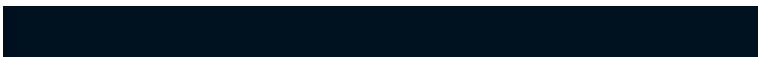
0003BF



555A5E



00509E



00101F

Previews

White Background



This preview shows how the Hex color BF5E00 looks on a white background.

Color Contrast Check

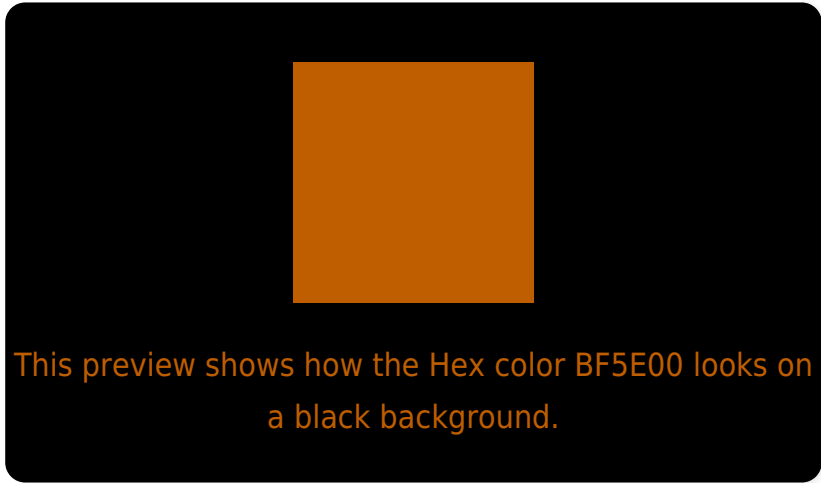
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 BF5E00 Background



This preview shows how black text looks on a background with the Hex color BF5E00.



This preview shows how white text looks on a background with the Hex color BF5E00.

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

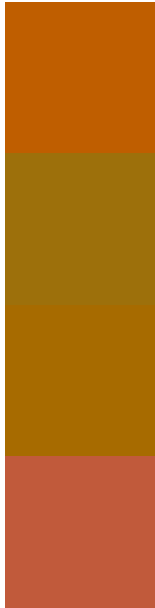


Original Color
BF5E00

Protanopia
897A11

Deuteranopia
9A7300

Trichromacy



Original Color
BF5E00

Protanomaly
9D700B

Deuteranomaly
A76B00

Tritanomaly
C15A3B

Monochromacy



Original Color
BF5E00

Achromatopsia
707070

Achromatomaly
8D6947

CSS Examples

Text

The CSS property to change the color of the text to Hex BF5E00 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 #BF5E00 looks like.

```
.text, #text, p{  
    color:#BF5E00  
}
```

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 #BF5E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF5E00
}
```

Border

The CSS property to change the border of an element to Hex BF5E00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

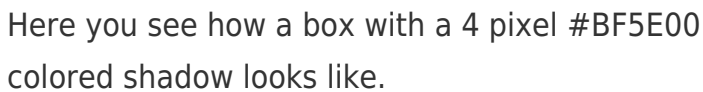
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF5E00 }
```

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

```
.border{ border-color:#BF5E00 }
```

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 #BF5E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF5E00; -webkit-box-shadow:4px 4px  
4px 4px #BF5E00; box-shadow:4px 4px 4px  
4px #BF5E00 }
```

Background

The CSS property to change the background color of an element to Hex BF5E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF5E00 }
```

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

```
.background{ background-color:#BF5E00 }
```

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