

# Converting Colors

Hex(BF500D)

Have a look what the booklet for  
Hex(BF500D) contains.

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**Color**

**Hex(BF500D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF500D
RGB	191, 80, 13
RGB Percent	75%, 31%, 5%
CMY	0.2510, 0.6863, 0.9490
CMYK	0.00, 0.58, 0.93, 0.25
HSL	23°, 87%, 40%
HSV	23°, 93%, 75%
XYZ	24.4272, 16.8427, 2.3443
YIQ	105.5510, 87.6630, 2.6950

# Conversions

## Conversions Part 2

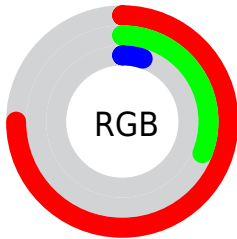
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 120, 13
Decimal	12537869
CIE <sub>Lab</sub>	48.06, 41.77, 54.81
CIE <sub>LCh</sub>	48, 68.911, 52.692
Yxy	16.8427, 0.5601, 0.3862
Android (android.graphics.Color)	4290727949 (0xFFBF500D)
YUV	105.5510, -45.6276, 74.9388
Hunter-Lab	41.0399, 34.4243, 25.3412

# Details

The Hex color **BF500D** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0D7CBF**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FE8443**, and **821B00** is the 20% darker color. If you saturate the color by 10%, you get **BF4800**, and if you desaturate by 10%, it is **BF5C20**.

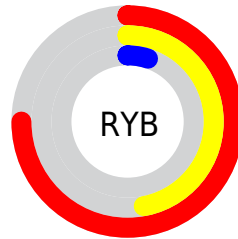
# Distribution



Red (75%)

Green (31%)

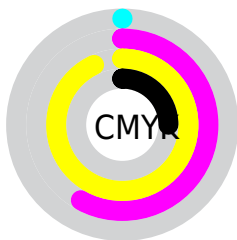
Blue (5%)



Red (75%)

Yellow (47%)

Blue (5%)

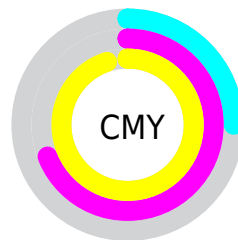


Cyan (0%)

Magenta (58%)

Yellow (93%)

Black (25%)



Cyan (25%)

Magenta (69%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF500D 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 BF500D by changing the saturation by 10% instead.



 BF500D

 BF500D

FFFFFF

 A03600

 FE8443

 821B00

 FF9F5C

 640000

 FFBB76

 470000

 FFD790

 2D0001

 FFF4AC

 000000

 FFFFC8

 FFFF E4

 BF500D

 BF500D

■ BF4800

■ BF5C20

■ BF6833

■ BF7446

■ BF8059

■ BF8C6D

■ BF9780

■ BFA393

■ BF AFA6

■ BFBBB9

# Harmonies

## Analogous

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



D53149



BF500D



966B00

# Triad

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



BF500D



008A61



4969DF

# Complementary

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



BF500D



0D7CBF

# 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.



007EE7



BF500D



008B9E

# Square

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



BF500D



008623



0088CE



A94ABA

# Rectangle

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



BF500D



747700



0088CE



0071E5



# Sweetspot

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



BF500D



F7CCB2



BF0D7E



7D6252



FCFCFC



7D7D7D



# Same Dimension

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



BF500D



F75D00



BFA70D



5E5855



9E3C00



1F0C00



# Inverse Universe

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



0D7CBF



009AF7



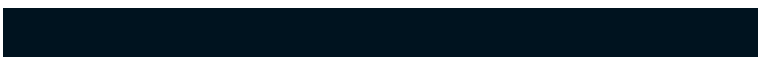
0D25BF



555B5E



00639E



00131F



# Previews

## White Background



This preview shows how the Hex color BF500D looks on a white background.

## Color Contrast Check

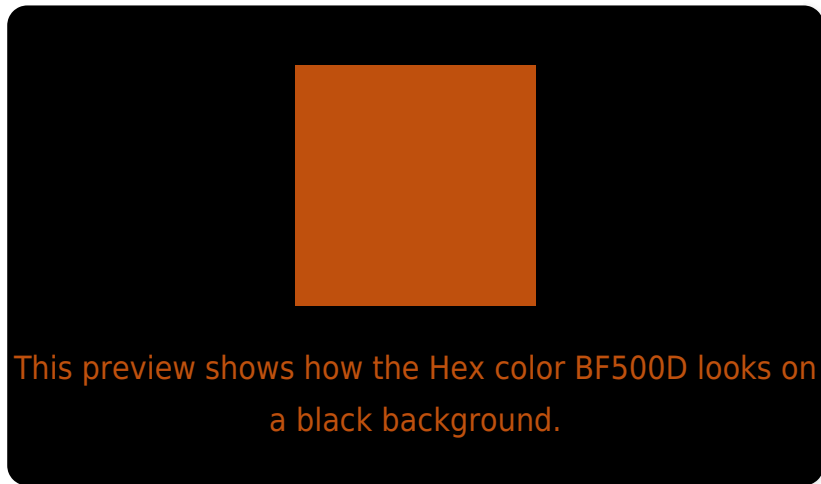
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF500D Background



This preview shows how black text looks on a background with the Hex color BF500D.



This preview shows how white text looks on a background with the Hex color BF500D.

# 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**  
BF500D

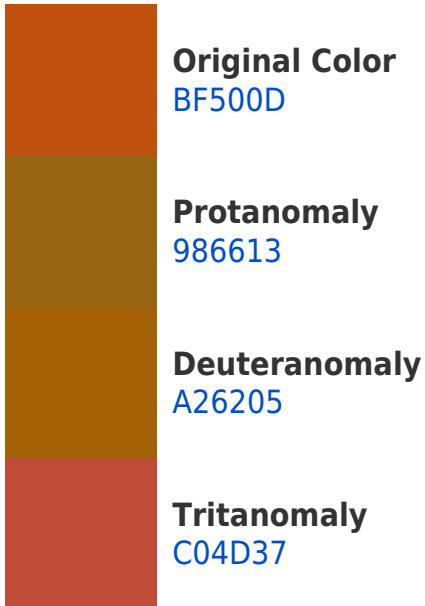
**Protanopia**  
817317

**Deuteranopia**  
916D00



**Tritanopia**  
C14B4F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF500D 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 #BF500D looks like.

```
.text, #text, p{  
    color:#BF500D  
}
```

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 #BF500D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF500D
}
```

## Border

The CSS property to change the border of an element to Hex BF500D 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
#BF500D }
```

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

```
.border{ border-color:#BF500D }
```

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

Here you see how a box with a 4 pixel #BF500D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF500D; -webkit-box-shadow:4px 4px  
4px 4px #BF500D; box-shadow:4px 4px 4px  
4px #BF500D }
```

# Background

The CSS property to change the background color of an element to Hex BF500D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF500D }
```

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

```
.background{ background-color:#BF500D }
```

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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