

# Converting Colors

Hex(BF3100)

Have a look what the booklet for  
Hex(BF3100) contains.

<b>Hex(BF3100)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(BF3100)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF3100
RGB	191, 49, 0
RGB Percent	75%, 19%, 0%
CMY	0.2510, 0.8078, 1.0000
CMYK	0.00, 0.74, 1.00, 0.25
HSL	15°, 100%, 37%
HSV	15°, 100%, 75%
XYZ	22.5842, 13.2730, 1.3716
YIQ	85.8720, 100.3610, 14.8650

# Conversions

## Conversions Part 2

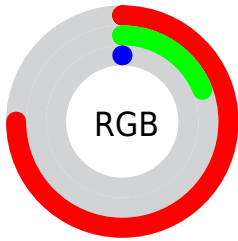
Format	Color
R <sub>Y</sub> B	191, 66, 0
Decimal	12529920
CIE Lab	43.17, 54.64, 55.48
CIE LCh	43, 77.871, 45.440
Yxy	13.2730, 0.6066, 0.3565
Android (android.graphics.Color)	4290720000 (0xFFBF3100)
YUV	85.8720, -42.3349, 92.1973
Hunter-Lab	36.4321, 46.8955, 23.2703

# Details

The Hex color **BF3100** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **008EBF**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF6937**, and **800000** is the 20% darker color. If you saturate the color by 10%, you get **BF3100**, and if you desaturate by 10%, it is **BF3F13**.

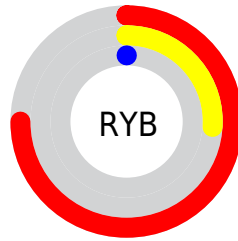
# Distribution



Red (75%)

Green (19%)

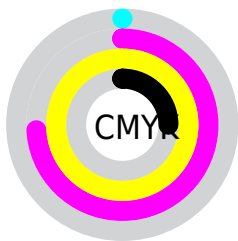
Blue (0%)



Red (75%)

Yellow (26%)

Blue (0%)

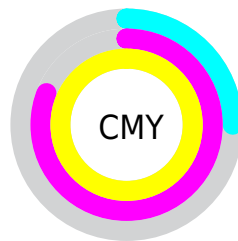


Cyan (0%)

Magenta (74%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (81%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF3100 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 BF3100 by changing the saturation by 10% instead.



 BF3100

 BF3100

 FFFFF2

 A00B00

 FF6937

 800000

 FF8550

 610000

 FFA169

 440001

 FFBD83

 270001

 FFDA9E

 000000

 FFF7B9

 FFFF66

 BF3100

 BF3F13

 BF4D26

 BF5C39

 BF6A4C

 BF7860

 BF8673

 BF9486

 BFA399

 BFB1AC

# Harmonies

## Analogous

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



D20048



BF3100



965700

# Triad

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



BF3100



007E43



0063E5

# Complementary

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



BF3100



008EBF

# 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.



0077E5



BF3100



008087

# Square

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



BF3100



007900



007FC2



8F3FC2

# Rectangle

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



BF3100



736800



007FC2



006CE9



# Sweetspot

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



BF3100



F7C0AD



BF008F



7D5C50



FCFCFC



7D7D7D



# Same Dimension

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



BF3100



F73F00



BF8F00



5E5755



9E2900



1F0800

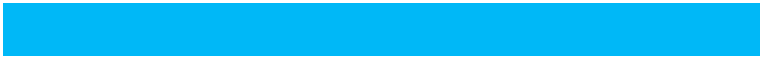


# Inverse Universe

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



008EBF



00B8F7



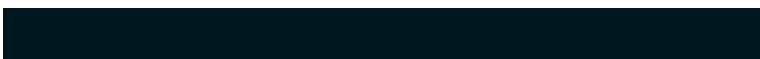
0030BF



555C5E



00769E



00171F



# Previews

## White Background



This preview shows how the Hex color BF3100 looks on a white background.

## Color Contrast Check

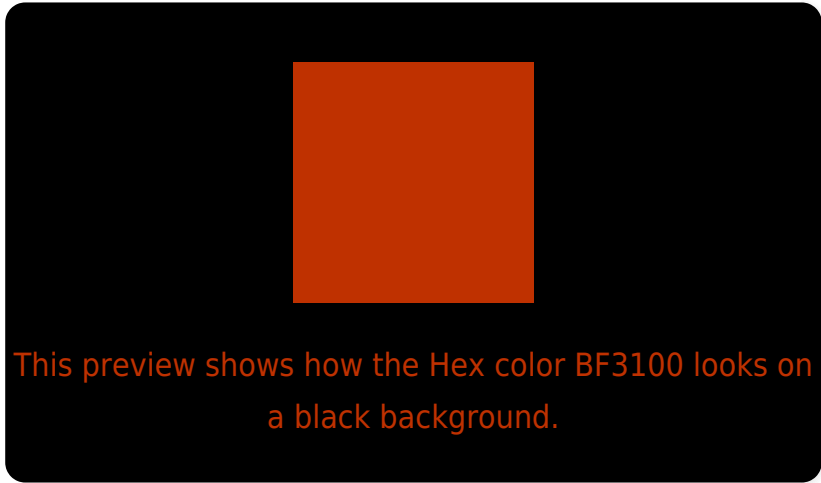
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF3100 Background



This preview shows how black text looks on a background with the Hex color BF3100.



This preview shows how white text looks on a background with the Hex color BF3100.

# 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



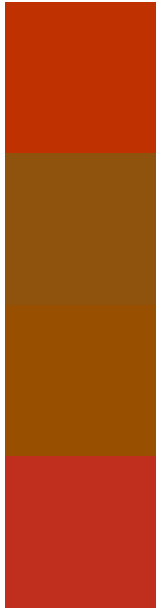
**Original Color**  
BF3100

**Protanopia**  
746716

**Deuteranopia**  
826200



# Trichromacy



**Original Color**  
BF3100

**Protanomaly**  
8F530E

**Deuteranomaly**  
985000

**Tritanomaly**  
C02F1E

# Monochromacy



**Original Color**  
BF3100

**Achromatopsia**  
565656

**Achromatomaly**  
7C4937

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF3100 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 #BF3100 looks like.

```
.text, #text, p{  
    color:#BF3100  
}
```

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 #BF3100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF3100
}
```

## Border

The CSS property to change the border of an element to Hex BF3100 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".

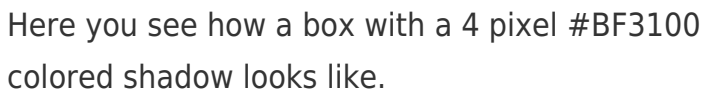
```
.border, #border, table{ border:4px solid
#BF3100 }
```

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

```
.border{ border-color:#BF3100 }
```

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

Here you see how a box with a 4 pixel #BF3100 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF3100; -webkit-box-shadow:4px 4px  
4px 4px #BF3100; box-shadow:4px 4px 4px  
4px #BF3100 }
```

# Background

The CSS property to change the background color of an element to Hex BF3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF3100 }
```

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

```
.background{ background-color:#BF3100 }
```

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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