

# Converting Colors

Hex(B34B0F)

Have a look what the booklet for  
Hex(B34B0F) contains.

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**Color**

**Hex(B34B0F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B34B0F
RGB	179, 75, 15
RGB Percent	70%, 29%, 6%
CMY	0.2980, 0.7059, 0.9412
CMYK	0.00, 0.58, 0.92, 0.30
HSL	22°, 85%, 38%
HSV	22°, 92%, 70%
XYZ	21.1927, 14.6503, 2.1628
YIQ	99.2560, 81.2440, 3.3880

# Conversions

## Conversions Part 2

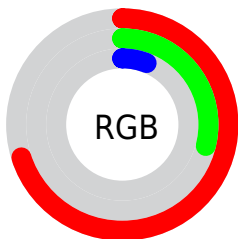
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	179, 110, 15
Decimal	11750159
CIE Lab	45.15, 39.61, 51.27
CIE LCh	45, 64.788, 52.312
Yxy	14.6503, 0.5576, 0.3855
Android (android.graphics.Color)	4289940239 (0xFFB34B0F)
YUV	99.2560, -41.5382, 69.9355
Hunter-Lab	38.2758, 31.8501, 23.4429

# Details

The Hex color **B34B0F** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0F77B3**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **F17F43**, and **771700** is the 20% darker color. If you saturate the color by 10%, you get **B34100**, and if you desaturate by 10%, it is **B35621**.

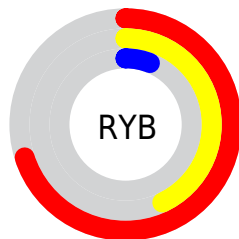
# Distribution



Red (70%)

Green (29%)

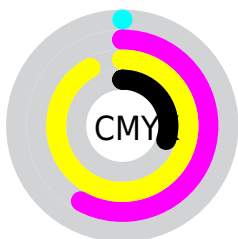
Blue (6%)



Red (70%)

Yellow (43%)

Blue (6%)

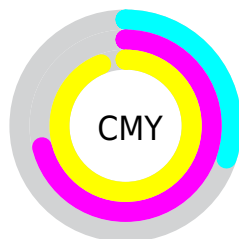


Cyan (0%)

Magenta (58%)

Yellow (92%)

Black (30%)



Cyan (30%)

Magenta (71%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B34B0F 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 B34B0F by changing the saturation by 10% instead.



 B34B0F

 B34B0F

FFFFFF

 953200

 F17F43

 771700

 FF995C

 590000

 FFB575

 3D0000

 FFD190

 200001

 FFEEAB

 000000

 FFFFC7

 FFFF E3

 B34B0F

 B34B0F

 B34100

 B35621

 B36233

 B36D45

 B37857

 B38469

 B38F7A

 B39A8C

 B3A69E

 B3B1B0

# Harmonies

## Analogous

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



C72F46



B34B0F



8D6400

# Triad

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



B34B0F



00825B



4463D0

# Complementary

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



B34B0F



0F77B3

# 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.



0076D7



B34B0F



008293

# Square

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



B34B0F



007D21



007FC0



9D46AE

# Rectangle

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



B34B0F



6D6F00



007FC0



006AD6



# Sweetspot

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



B34B0F



E8C0A9



B30F7A



755D50



F5F5F5



757575



# Same Dimension

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



B34B0F



E85500



B39A0F



595450



993800



1A0900



# Inverse Universe

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



0F77B3



0093E8



0F28B3



505659



006199



00101A



# Previews

## White Background



This preview shows how the Hex color B34B0F looks on a white background.

## Color Contrast Check

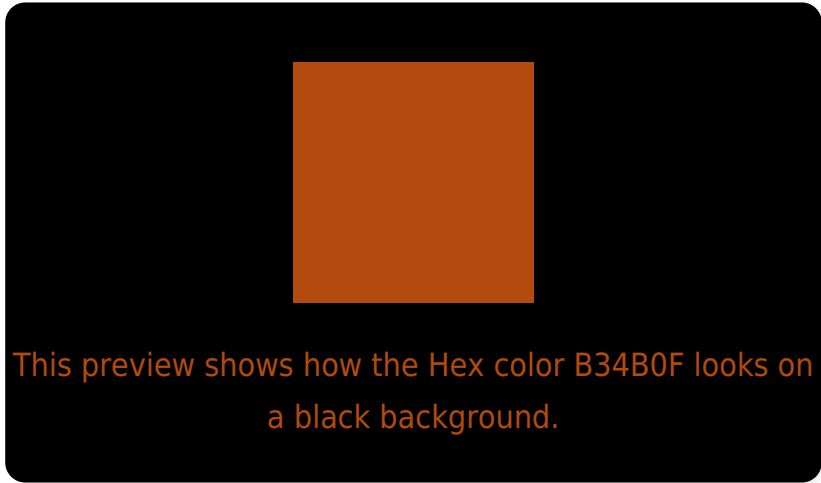
Large Text (above 18pt) WCAG AA ✓ Pass

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 B34B0F Background



This preview shows how black text looks on a background with the Hex color B34B0F.



This preview shows how white text looks on a background with the Hex color B34B0F.

# 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**  
B34B0F

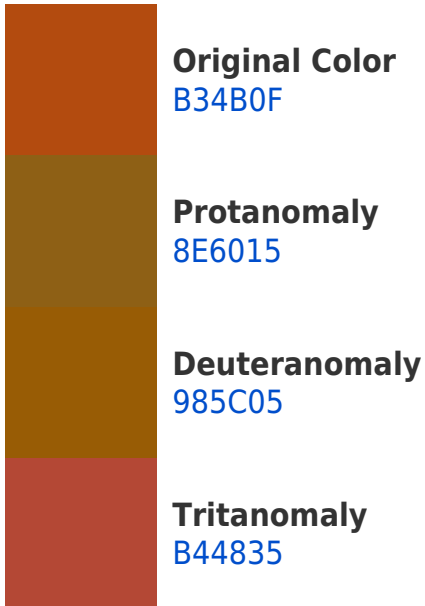
**Protanopia**  
796C18

**Deuteranopia**  
886600

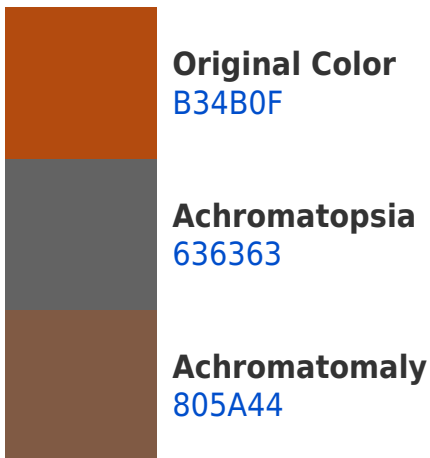


**Tritanopia**  
B5464A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B34B0F 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 #B34B0F looks like.

```
.text, #text, p{  
    color:#B34B0F  
}
```

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 #B34B0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B34B0F }  
}
```

## Border

The CSS property to change the border of an element to Hex B34B0F 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 #B34B0F }  
}
```

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

```
.border{ border-color:#B34B0F }
```

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

Here you see how a box with a 4 pixel #B34B0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B34B0F; -webkit-box-shadow:4px 4px  
4px 4px #B34B0F; box-shadow:4px 4px 4px  
4px #B34B0F }
```

# Background

The CSS property to change the background color of an element to Hex B34B0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B34B0F }
```

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

```
.background{ background-color:#B34B0F }
```

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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