

# Converting Colors

Hex(BD4F13)

Have a look what the booklet for  
Hex(BD4F13) contains.

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**Color**

**Hex(BD4F13)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD4F13
RGB	189, 79, 19
RGB Percent	74%, 31%, 7%
CMY	0.2588, 0.6902, 0.9255
CMYK	0.00, 0.58, 0.90, 0.26
HSL	21°, 82%, 41%
HSV	21°, 90%, 74%
XYZ	23.8998, 16.4578, 2.5331
YIQ	105.0500, 84.8200, 4.6600

# Conversions

## Conversions Part 2

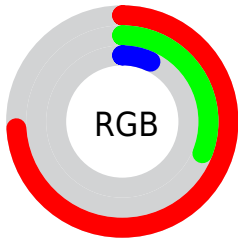
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 112, 19
Decimal	12406547
CIE <sub>Lab</sub>	47.57, 41.58, 52.51
CIE <sub>LCh</sub>	48, 66.979, 51.623
Yxy	16.4578, 0.5572, 0.3837
Android (android.graphics.Color)	4290596627 (0xFFBD4F13)
YUV	105.0500, -42.4226, 73.6242
Hunter-Lab	40.5682, 34.1646, 24.6956

# Details

The Hex color **BD4F13** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1381BD**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FC8346**, and **801A00** is the 20% darker color. If you saturate the color by 10%, you get **BD4300**, and if you desaturate by 10%, it is **BD5B26**.

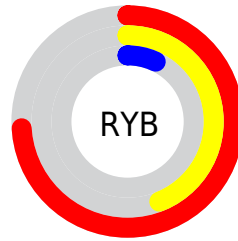
# Distribution



Red (74%)

Green (31%)

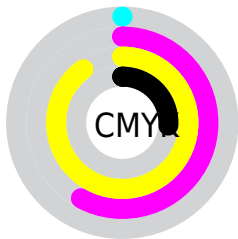
Blue (7%)



Red (74%)

Yellow (44%)

Blue (7%)

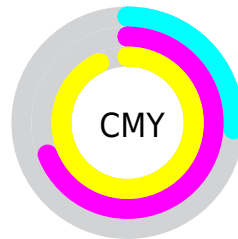


Cyan (0%)

Magenta (58%)

Yellow (90%)

Black (26%)



Cyan (26%)

Magenta (69%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD4F13 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 BD4F13 by changing the saturation by 10% instead.



 BD4F13

 BD4F13

FFFFFF

 9E3500

 FC8346

 801A00

 FF9E5F

 620000

 FFBA79

 450000

 FFD694

 2B0001

 FFF3AF

 000000

 FFFF CB

 FFFF E7

 BD4F13

 BD4F13

 BD4300

 BD5B26

 BD6739

 BD744C

 BD805F

 BD8C72

 BD9884

 BDA597

 BDB1AA

 BDBDBD

# Harmonies

## Analogous

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



D2324B



BD4F13



966900

# Triad

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



BD4F13



00895F



4569DB

# Complementary

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



BD4F13



1381BD

# 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.



007DE2



BD4F13



008A99

# Square

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



BD4F13



008422



0086C9



A44CB8

# Rectangle

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



BD4F13



757500



0086C9



0071E1



# Sweetspot

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



BD4F13



F5CAB3



BD1381



7A6153



FAFAFA



7A7A7A



# Same Dimension

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



BD4F13



F55600



BDA413



5E5855



9E3800



1F0B00



# Inverse Universe

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



1381BD



009EF5



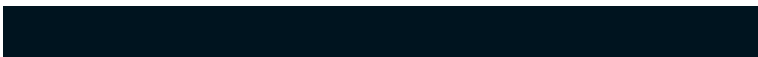
132CBD



555B5E



00669E



00141F



# Previews

## White Background



This preview shows how the Hex color BD4F13 looks on a white background.

## Color Contrast Check

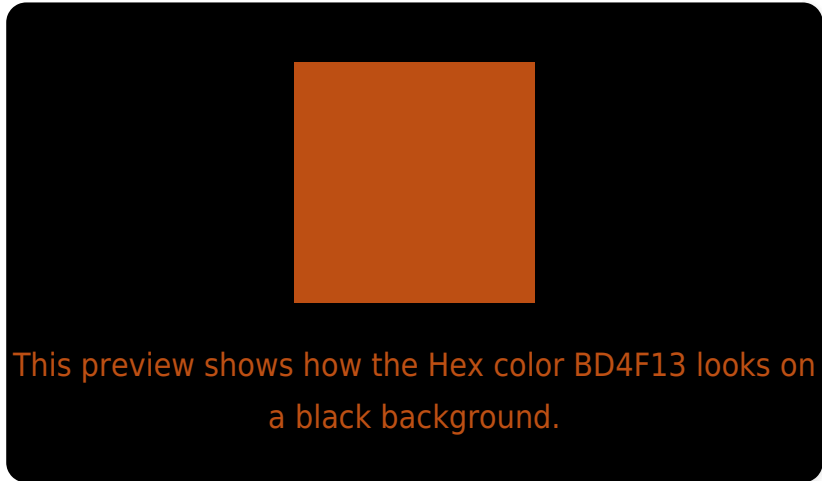
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD4F13 Background



This preview shows how black text looks on a background with the Hex color BD4F13.



This preview shows how white text looks on a background with the Hex color BD4F13.

# 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**  
BD4F13

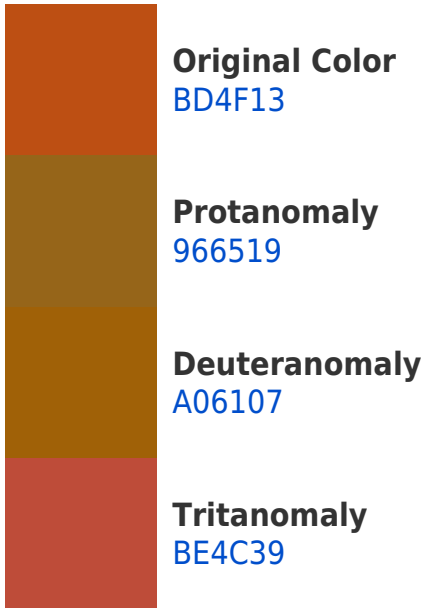
**Protanopia**  
80721C

**Deuteranopia**  
8F6C00



**Tritanopia**  
BF4A4E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD4F13 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 #BD4F13 looks like.

```
.text, #text, p{  
    color:#BD4F13  
}
```

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 #BD4F13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD4F13
}
```

## Border

The CSS property to change the border of an element to Hex BD4F13 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
#BD4F13 }
```

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

```
.border{ border-color:#BD4F13 }
```

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

Here you see how a box with a 4 pixel #BD4F13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD4F13; -webkit-box-shadow:4px 4px  
4px 4px #BD4F13; box-shadow:4px 4px 4px  
4px #BD4F13 }
```

# Background

The CSS property to change the background color of an element to Hex BD4F13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD4F13 }
```

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

```
.background{ background-color:#BD4F13 }
```

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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