

# Converting Colors

Hex(BD5C19)

Have a look what the booklet for  
Hex(BD5C19) contains.

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**Color**

**Hex(BD5C19)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD5C19
RGB	189, 92, 25
RGB Percent	74%, 36%, 10%
CMY	0.2588, 0.6392, 0.9020
CMYK	0.00, 0.51, 0.87, 0.26
HSL	25°, 77%, 42%
HSV	25°, 87%, 74%
XYZ	24.9889, 18.5433, 3.1819
YIQ	113.3650, 79.3190, -0.2730

# Conversions

## Conversions Part 2

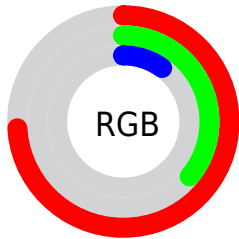
Format	Color
R <sub>Y</sub> B	189, 138, 25
Decimal	12409881
CIE Lab	50.15, 35.19, 52.45
CIE LCh	50, 63.157, 56.140
Yxy	18.5433, 0.5349, 0.3970
Android (android.graphics.Color)	4290599961 (0xFFBD5C19)
YUV	113.3650, -43.5639, 66.3319
Hunter-Lab	43.0619, 28.2254, 25.7624

# Details

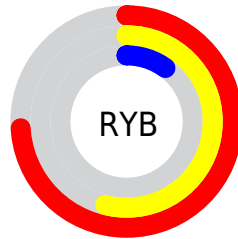
The Hex color **BD5C19** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **197ABD**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FB904C**, and **812A00** is the 20% darker color. If you saturate the color by 10%, you get **BD5106**, and if you desaturate by 10%, it is **BD672C**.

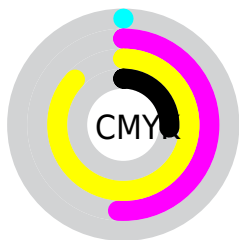
# Distribution



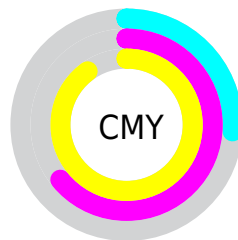
- Red (74%)
- Green (36%)
- Blue (10%)



- Red (74%)
- Yellow (54%)
- Blue (10%)



- Cyan (0%)
- Magenta (51%)
- Yellow (87%)
- Black (26%)



- Cyan (26%)
- Magenta (64%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD5C19 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 BD5C19 by changing the saturation by 10% instead.



 BD5C19

 BD5C19

FFFFFF

 9F4300

 FB904C

 812A00

 FFAB66

 631100

 FFC780

 460000

 FFE39A

 2F0001

 FFFFB6

 000000

 FFFFDD

 FFFFEE

 BD5C19

 BD5C19

■ BD5106

■ BD672C

■ BD4D00

■ BD723F

■ BD7E52

■ BD8965

■ BD9478

■ BD9F8A

■ BDAA9D

■ BDB5B0

■ BDC1C3

# Harmonies

## Analogous

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



D4444B



BD5C19



967300

# Triad

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



BD5C19



008F6E



666CD9

# Complementary

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



BD5C19



197ABD

# 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.



0080E3



BD5C19



008FA5

# Square

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



BD5C19



008B37



008BD0



B151B4

# Rectangle

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



BD5C19



757E00



008BD0



3674DF



# Sweetspot

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



BD5C19



F5CFB5



BD197B



7A6454



FAFAFA



7A7A7A



# Same Dimension

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



BD5C19



F56400



BDAD19



5E5955



9E4100



1F0D00



# Inverse Universe

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



197ABD



0091F5



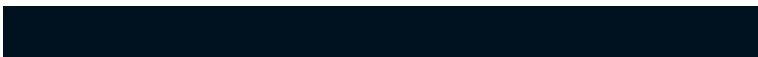
1929BD



555A5E



005E9E



00121F



# Previews

## White Background



This preview shows how the Hex color BD5C19 looks on a white background.

## Color Contrast Check

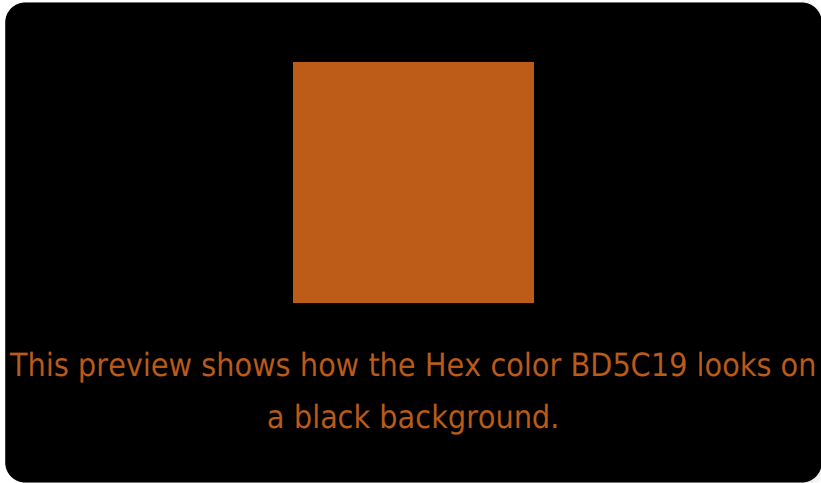
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD5C19 Background



This preview shows how black text looks on a background with the Hex color BD5C19.



This preview shows how white text looks on a background with the Hex color BD5C19.

# 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**  
BD5C19

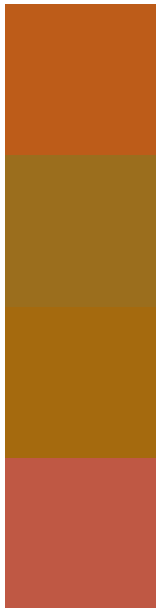
**Protanopia**  
877820

**Deuteranopia**  
987208



**Tritanopia**  
C0565C

# Trichromacy



**Original Color**  
BD5C19

**Protanomaly**  
9B6E1D

**Deuteranomaly**  
A56A0E

**Tritanomaly**  
BF5844

# Monochromacy



**Original Color**  
BD5C19

**Achromatopsia**  
717171

**Achromatomaly**  
8D6951

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD5C19 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 #BD5C19 looks like.

```
.text, #text, p{  
    color:#BD5C19  
}
```

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 #BD5C19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD5C19
}
```

## Border

The CSS property to change the border of an element to Hex BD5C19 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
#BD5C19 }
```

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

```
.border{ border-color:#BD5C19 }
```

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

Here you see how a box with a 4 pixel #BD5C19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD5C19; -webkit-box-shadow:4px 4px  
4px 4px #BD5C19; box-shadow:4px 4px 4px  
4px #BD5C19 }
```

# Background

The CSS property to change the background color of an element to Hex BD5C19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD5C19 }
```

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

```
.background{ background-color:#BD5C19 }
```

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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