

# Converting Colors

Hex(BB6819)

Have a look what the booklet for  
Hex(BB6819) contains.

<b>Hex(BB6819)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(BB6819)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB6819
RGB	187, 104, 25
RGB Percent	73%, 41%, 10%
CMY	0.2667, 0.5922, 0.9020
CMYK	0.00, 0.44, 0.87, 0.27
HSL	29°, 76%, 42%
HSV	29°, 87%, 73%
XYZ	25.6193, 20.5356, 3.5332
YIQ	119.8110, 74.8270, -6.9730

# Conversions

## Conversions Part 2

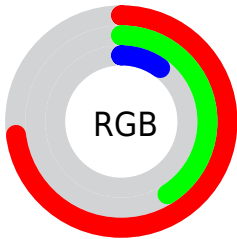
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 179, 25
Decimal	12281881
CIE Lab	52.44, 27.99, 54.20
CIE LCh	52, 61.006, 62.686
Yxy	20.5356, 0.5156, 0.4133
Android (android.graphics.Color)	4290471961 (0xFFBB6819)
YUV	119.8110, -46.7418, 58.9248
Hunter-Lab	45.3162, 21.6106, 27.0987

# Details

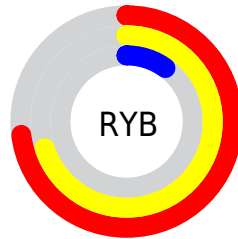
The Hex color **BB6819** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **196CBB**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **F89C4D**, and **803700** is the 20% darker color. If you saturate the color by 10%, you get **BB5E06**, and if you desaturate by 10%, it is **BB722C**.

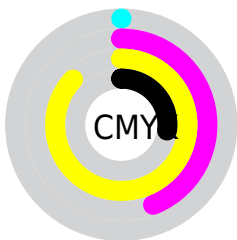
# Distribution



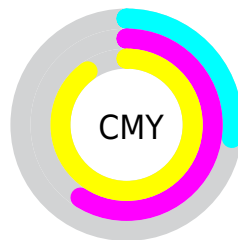
- Red (73%)
- Green (41%)
- Blue (10%)



- Red (73%)
- Yellow (70%)
- Blue (10%)



- Cyan (0%)
- Magenta (44%)
- Yellow (87%)
- Black (27%)



- Cyan (27%)
- Magenta (59%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB6819 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 BB6819 by changing the saturation by 10% instead.



 BB6819

 BB6819

FFFFFF

 9D4F00

 F89C4D

 803700

 FFB767

 622000

 FFD382

 460800

 FFEF9C

 2D0000

 FFFFB8

 000000

 FFFFD4

 FFFFF1

 BB6819

 BB6819

■ BB5E06

■ BB722C

■ BB5B00

■ BB7B3E

■ BB8551

■ BB8E64

■ BB9876

■ BBA189

■ BBAB9C

■ BBB5AF

■ BBBEC1

# Harmonies

## Analogous

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



D55148



BB6819



927C00

# Triad

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



BB6819



009580



826DD6

# Complementary

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



BB6819



196CBB

# 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.



0082E6



BB6819



0094B4

# Square

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



BB6819



00924A



008FDA



BF54AE

# Rectangle

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



BB6819



708601



008FDA



6275DE



# Sweetspot

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



BB6819



F2D2B3



BB196D



7A6754



FAFAFA



7A7A7A



# Same Dimension

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



BB6819



F27600



BBB819



5E5A55



9E4D00



1F0F00



# Inverse Universe

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



196CBB



007CF2



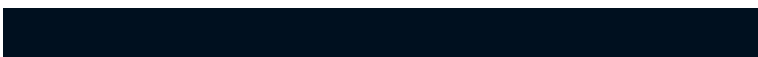
191CBB



555A5E



00519E



00101F



# Previews

## White Background



This preview shows how the Hex color BB6819 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

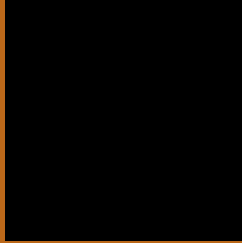
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BB6819 Background



This preview shows how black text looks on a background with the Hex color BB6819.



This preview shows how white text looks on a background with the Hex color BB6819.

# 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**  
BB6819

**Protanopia**  
8D7E1F

**Deuteranopia**  
9F770E

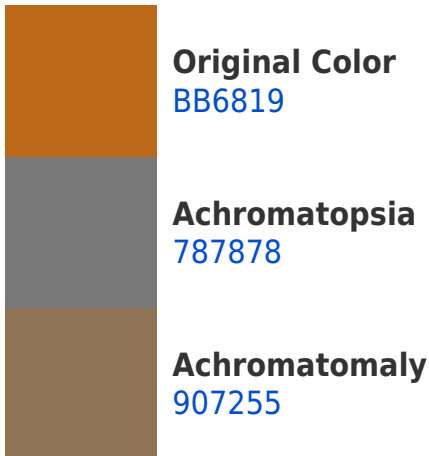


**Tritanopia**  
BE6168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB6819 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 #BB6819 looks like.

```
.text, #text, p{  
    color:#BB6819  
}
```

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 #BB6819 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB6819
}
```

## Border

The CSS property to change the border of an element to Hex BB6819 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
#BB6819 }
```

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

```
.border{ border-color:#BB6819 }
```

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

Here you see how a box with a 4 pixel #BB6819 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB6819; -webkit-box-shadow:4px 4px  
4px 4px #BB6819; box-shadow:4px 4px 4px  
4px #BB6819 }
```

# Background

The CSS property to change the background color of an element to Hex BB6819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB6819 }
```

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

```
.background{ background-color:#BB6819 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor