

# Converting Colors

Hex(BC961F)

Have a look what the booklet for  
Hex(BC961F) contains.

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# **Color**

**Hex(BC961F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC961F
RGB	188, 150, 31
RGB Percent	74%, 59%, 12%
CMY	0.2627, 0.4118, 0.8784
CMYK	0.00, 0.20, 0.84, 0.26
HSL	45°, 72%, 43%
HSV	45°, 84%, 74%
XYZ	31.8927, 32.6030, 5.9084
YIQ	147.7960, 60.8470, -28.9530

# Conversions

## Conversions Part 2

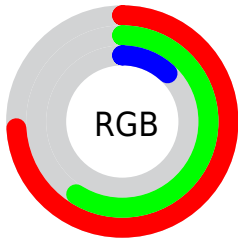
Format	Color
<b>RYB</b>	81, 188, 31
Decimal	12359199
CIELab	63.84, 3.32, 61.93
CIELCh	64, 62.023, 86.935
Yxy	32.6030, 0.4530, 0.4631
Android (android.graphics.Color)	4290549279 (0xFFBC961F)
YUV	147.7960, -57.5804, 35.2589
Hunter-Lab	57.0990, -0.2220, 33.8342

# Details

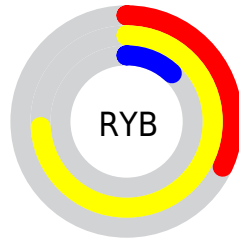
The Hex color **BC961F** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1F45BC**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **F8CC58**, and **826400** is the 20% darker color. If you saturate the color by 10%, you get **BC910C**, and if you desaturate by 10%, it is **BC9B32**.

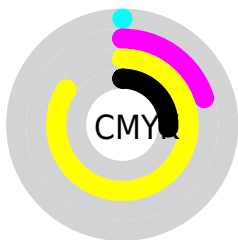
# Distribution



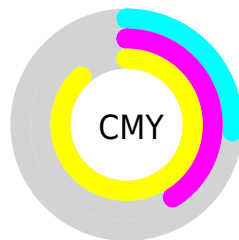
- Red (74%)
- Green (59%)
- Blue (12%)



- Red (32%)
- Yellow (74%)
- Blue (12%)



- Cyan (0%)
- Magenta (20%)
- Yellow (84%)
- Black (26%)



- Cyan (26%)
- Magenta (41%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC961F 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 BC961F by changing the saturation by 10% instead.



 BC961F

 BC961F

FFFFFF

 9F7C00

 F8CC58

 826400

 FFE873

 664C00

 FFFF8E

 4B3600

 FFFFAA

 312100

 FFFFC6

 180B00

 FFFF E3

 000000

 BC961F

 BC961F

 BC910C

 BC9B32

 BC8E00

 BC9F45

 BCA457

 BCA86A

 BCAD7D

 BCB190

 BCB6A3

 BCBAB5

 BCBFC8

# Harmonies

## Analogous

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



E5803D



BC961F



86A62E

# Triad

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



BC961F



00B5CB



D876D8

# Complementary

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



BC961F



1F45BC

# 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.



918EFE



BC961F



00AFF7

# Square

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



BC961F



00B593



00A3FF



FA66A3

# Rectangle

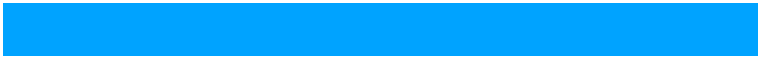
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BC961F



58AD4A



00A3FF



C57EE7

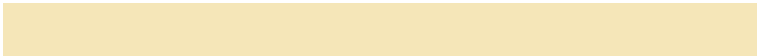


# Sweetspot

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



BC961F



F5E6B8



BC1F46



7A7256



F9F9F9



7A7A7A



# Same Dimension

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



BC961F



F5BA00



95BC1F



5E5C55



9E7800



1F1700



# Inverse Universe

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



1F45BC



003BF5



461FBC



55575E



00269E

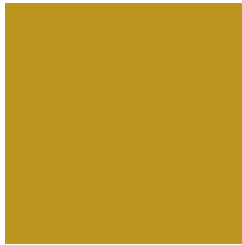


00071F



# Previews

## White Background



This preview shows how the Hex color BC961F looks on a white background.

## Color Contrast Check

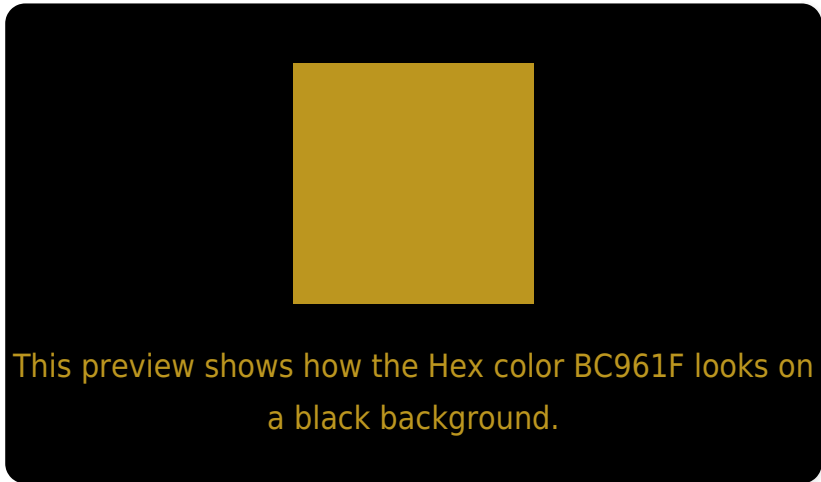
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex BC961F Background



This preview shows how black text looks on a background with the Hex color BC961F.



This preview shows how white text looks on a background with the Hex color BC961F.

# 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**  
BC961F

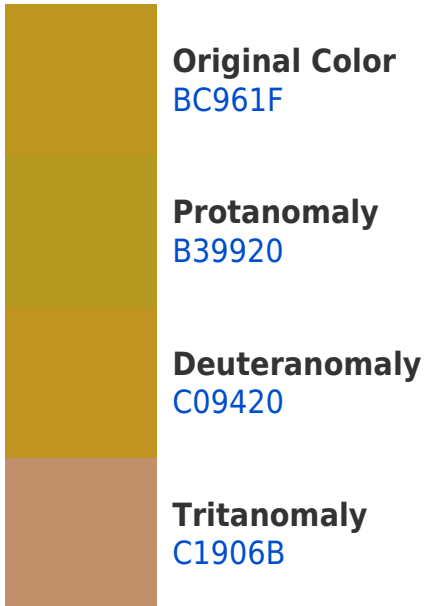
**Protanopia**  
AE9B20

**Deuteranopia**  
C39321



**Tritanopia**  
C48C96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC961F 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 #BC961F looks like.

```
.text, #text, p{  
    color:#BC961F  
}
```

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 #BC961F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC961F
}
```

## Border

The CSS property to change the border of an element to Hex BC961F 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
#BC961F }
```

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

```
.border{ border-color:#BC961F }
```

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

Here you see how a box with a 4 pixel #BC961F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC961F; -webkit-box-shadow:4px 4px  
4px 4px #BC961F; box-shadow:4px 4px 4px  
4px #BC961F }
```

# Background

The CSS property to change the background color of an element to Hex BC961F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC961F }
```

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

```
.background{ background-color:#BC961F }
```

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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