

# Converting Colors

Hex(BC0F58)

Have a look what the booklet for  
Hex(BC0F58) contains.

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**Color**

**Hex(BC0F58)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC0F58
RGB	188, 15, 88
RGB Percent	74%, 6%, 35%
CMY	0.2627, 0.9412, 0.6549
CMYK	0.00, 0.92, 0.53, 0.26
HSL	335°, 85%, 40%
HSV	335°, 92%, 74%
XYZ	22.6713, 11.7376, 10.3032
YIQ	75.0490, 79.6750, 59.3790

# Conversions

## Conversions Part 2

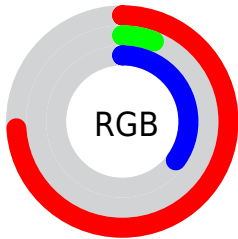
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">188, 15, 88</a>
Decimal	<a href="#">12324696</a>
CIELab	<a href="#">40.80, 65.28, 6.79</a>
CIElCh	<a href="#">41, 65.628, 5.935</a>
Yxy	<a href="#">11.7376, 0.5071, 0.2625</a>
Android (android.graphics.Color)	<a href="#">4290514776 (0xFFBC0F58)</a>
YUV	<a href="#">75.0490, 6.3848, 99.0580</a>
Hunter-Lab	<a href="#">34.2602, 58.1652, 6.1516</a>

# Details

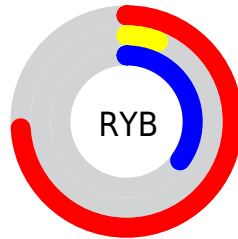
The Hex color **BC0F58** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **0FBC73**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FA588A**, and **80002B** is the 20% darker color. If you saturate the color by 10%, you get **BC004F**, and if you desaturate by 10%, it is **BC2263**.

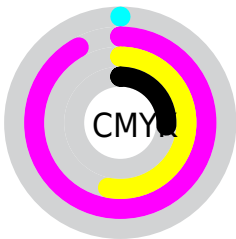
# Distribution



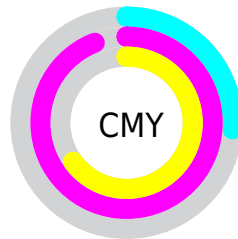
- Red (74%)
- Green (6%)
- Blue (35%)



- Red (74%)
- Yellow (6%)
- Blue (35%)



- Cyan (0%)
- Magenta (92%)
- Yellow (53%)
- Black (26%)



- Cyan (26%)
- Magenta (94%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC0F58 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 BC0F58 by changing the saturation by 10% instead.



 BC0F58

 BC0F58

FFFFFF

 9E0041

 FA588A

 80002B

 FF75A4

 620017

 FF92BF

 470003

 FFAEDA

 270001

 FFCCF7

 000000

 FFE9FF

 BC0F58

 BC0F58

 BC004F

 BC2263

 BC356E

 BC4779

 BC5A83

 BC6D8E

 BC8099

 BC93A4

 BCA5AF

 BCB8BA

# Harmonies

## Analogous

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



A7298D



BC0F58



B42D24

# Triad

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



BC0F58



306E00



0071C3

# Complementary

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



BC0F58



0FBC73

# 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.



00769F



BC0F58



007431

# Square

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



BC0F58



6C6200



00776A



0064CD

# Rectangle

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



BC0F58



A34300



00776A



0074B9



# Sweetspot

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



BC0F58



F5B0CD



710FBC



7A5162



FAFAFA



7A7A7A



# Same Dimension

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



BC0F58



F50067



BC1B0F



5E5559



9E0043



1F000D



# Inverse Universe

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



BC0F58



F50067



0FB0BC



5E5559



9E0043



1F000D



# Previews

## White Background



This preview shows how the Hex color BC0F58 looks on a white background.

## Color Contrast Check

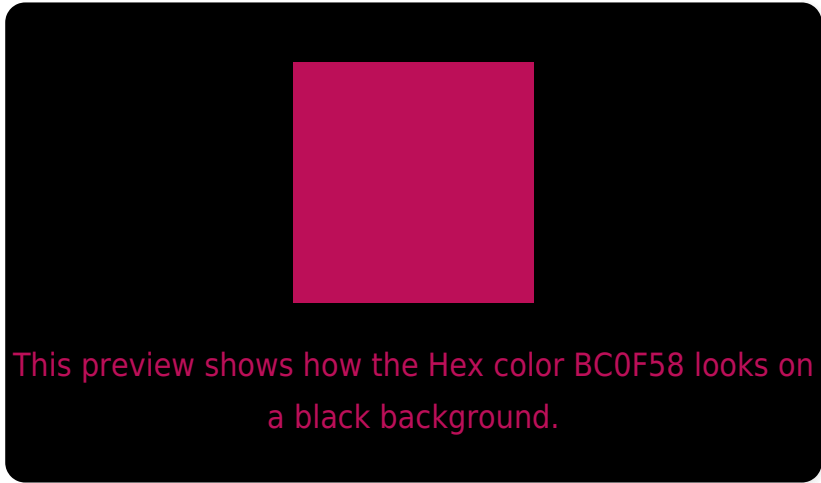
Large Text (above 18pt) WCAG AA ✓ Pass

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 BC0F58 Background



This preview shows how black text looks on a background with the Hex color BC0F58.

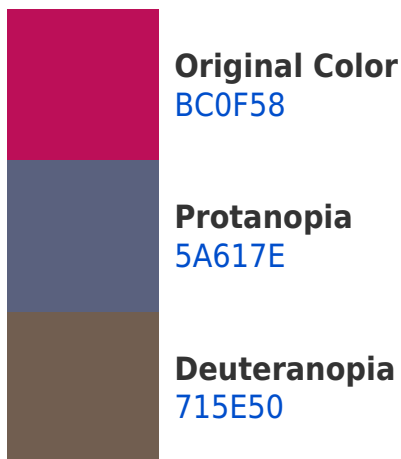


This preview shows how white text looks on a background with the Hex color BC0F58.

# 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





# Trichromacy



**Original Color**  
BC0F58



**Protanomaly**  
7E4370



**Deuteranomaly**  
8C4153

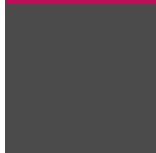


**Tritanomaly**  
BB1D38

# Monochromacy



**Original Color**  
BC0F58



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
743550

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC0F58 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 #BC0F58 looks like.

```
.text, #text, p{  
    color:#BC0F58  
}
```

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 #BC0F58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC0F58
}
```

## Border

The CSS property to change the border of an element to Hex BC0F58 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
#BC0F58 }
```

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

```
.border{ border-color:#BC0F58 }
```

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

Here you see how a box with a 4 pixel #BC0F58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC0F58; -webkit-box-shadow:4px 4px  
4px 4px #BC0F58; box-shadow:4px 4px 4px  
4px #BC0F58 }
```

# Background

The CSS property to change the background color of an element to Hex BC0F58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC0F58 }
```

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

```
.background{ background-color:#BC0F58 }
```

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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