

# Converting Colors

Hex(BC121F)

Have a look what the booklet for  
Hex(BC121F) contains.

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# Color

Hex(BC121F)

# Conversions

## Conversions Part 1

Format	Color
Hex	BC121F
RGB	188, 18, 31
RGB Percent	74%, 7%, 12%
CMY	0.2627, 0.9294, 0.8784
CMYK	0.00, 0.90, 0.84, 0.26
HSL	355°, 83%, 40%
HSV	355°, 90%, 74%
XYZ	21.2027, 11.2229, 2.3451
YIQ	70.3120, 97.1470, 40.0830

# Conversions

## Conversions Part 2

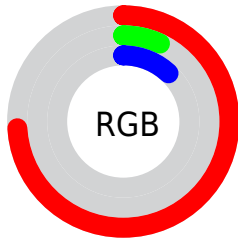
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 18, 31
Decimal	12325407
CIE Lab	39.95, 62.06, 40.83
CIE LCh	40, 74.287, 33.338
Yxy	11.2229, 0.6098, 0.3228
Android (android.graphics.Color)	4290515487 (0xFFBC121F)
YUV	70.3120, -19.3808, 103.2124
Hunter-Lab	33.5006, 54.3473, 19.3001

# Details

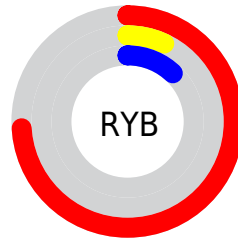
The Hex color **BC121F** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **12BCAF**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **FC574C**, and **7D0000** is the 20% darker color. If you saturate the color by 10%, you get **BC000E**, and if you desaturate by 10%, it is **BC2530**.

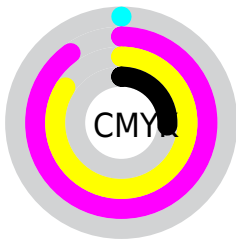
# Distribution



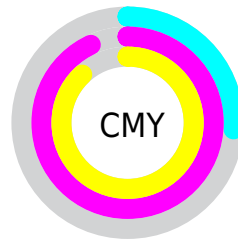
- Red (74%)
- Green (7%)
- Blue (12%)



- Red (74%)
- Yellow (7%)
- Blue (12%)



- Cyan (0%)
- Magenta (90%)
- Yellow (84%)
- Black (26%)



- Cyan (26%)
- Magenta (93%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC121F 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 BC121F by changing the saturation by 10% instead.



 BC121F

 BC121F

FFFFFF

 9C0009

 FC574C

 7D0000

 FF7465

 5E0000

 FF907E

 420003

 FFAD98

 210001

 FFCAB3

 000000

 FFE7CF

 FFFFEB

 BC121F

 BC121F

 BC000E

 BC2530

 BC3842

 BC4A53

 BC5D64

 BC7076

 BC8387

 BC9699

 BCA8AA

 BCBBBB

# Harmonies

## Analogous

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



C3005A



BC121F



9D4400

# Triad

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



BC121F



007321



0065DA

# Complementary

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



BC121F



12BCAF

# 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.



0072CC



BC121F



007664

# Square

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



BC121F



2A6D00



0076A0



5D4AC5

# Rectangle

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



BC121F



7F5700



0076A0



006BD9



# Sweetspot

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



BC121F



F5B3B8



AE12BC



7A5356



F9FAFA



7A7A7A



# Same Dimension

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



BC121F



F50013



BC5912



5E5556



9E000C



1F0002



# Inverse Universe

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



BC121F



F50013



1275BC



5E5556



9E000C



1F0002



# Previews

## White Background



This preview shows how the Hex color BC121F 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 BC121F Background



This preview shows how black text looks on a background with the Hex color BC121F.



This preview shows how white text looks on a background with the Hex color BC121F.

# 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**  
BC121F

**Protanopia**  
6A6031

**Deuteranopia**  
795B0A



# Trichromacy



**Original Color**  
BC121F

**Protanomaly**  
88442A

**Deuteranomaly**  
914012

**Tritanomaly**  
BC1415

# Monochromacy



**Original Color**  
BC121F

**Achromatopsia**  
464646

**Achromatomaly**  
713338

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC121F 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 #BC121F looks like.

```
.text, #text, p{  
    color:#BC121F  
}
```

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 #BC121F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC121F
}
```

## Border

The CSS property to change the border of an element to Hex BC121F is called "border". The border property can be set on classes, ids or directly on the HTML element.

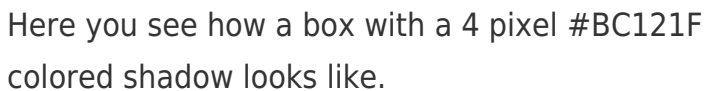
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BC121F }
```

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

```
.border{ border-color:#BC121F }
```

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



Here you see how a box with a 4 pixel `#BC121F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC121F; -webkit-box-shadow:4px 4px  
4px 4px #BC121F; box-shadow:4px 4px 4px  
4px #BC121F }
```

# Background

The CSS property to change the background color of an element to Hex BC121F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC121F }
```

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

```
.background{ background-color:#BC121F }
```

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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