

# Converting Colors

Hex(BC1F21)

Have a look what the booklet for  
Hex(BC1F21) contains.

<b>Hex(BC1F21)</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(BC1F21)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC1F21
RGB	188, 31, 33
RGB Percent	74%, 12%, 13%
CMY	0.2627, 0.8784, 0.8706
CMYK	0.00, 0.84, 0.82, 0.26
HSL	359°, 72%, 43%
HSV	359°, 84%, 74%
XYZ	21.5035, 11.7811, 2.5795
YIQ	78.1710, 92.9300, 33.9060

# Conversions

## Conversions Part 2

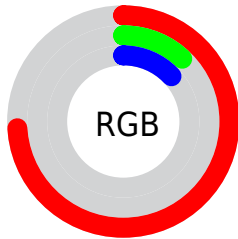
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 31, 33
Decimal	12328737
CIE Lab	40.87, 59.56, 40.60
CIE LCh	41, 72.080, 34.286
Yxy	11.7811, 0.5996, 0.3285
Android (android.graphics.Color)	4290518817 (0xFFBC1F21)
YUV	78.1710, -22.2693, 96.3200
Hunter-Lab	34.3237, 51.7626, 19.5708

# Details

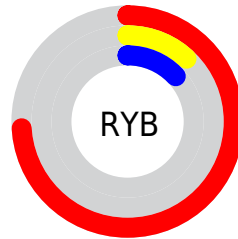
The Hex color **BC1F21** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **1FBCBA**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FC5D4F**, and **7E0000** is the 20% darker color. If you saturate the color by 10%, you get **BC0C0E**, and if you desaturate by 10%, it is **BC3234**.

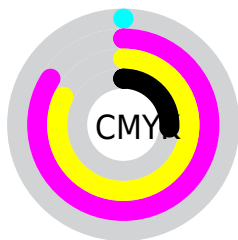
# Distribution



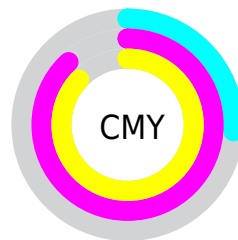
- Red (74%)
- Green (12%)
- Blue (13%)



- Red (74%)
- Yellow (12%)
- Blue (13%)



- Cyan (0%)
- Magenta (84%)
- Yellow (82%)
- Black (26%)



- Cyan (26%)
- Magenta (88%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC1F21 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 BC1F21 by changing the saturation by 10% instead.



 BC1F21

 BC1F21

FFFFFF

 9D000B

 FC5D4F

 7E0000

 FF7967

 5F0000

 FF9681

 430003

 FFB29B

 220001

 FFCFB6

 000000

 FFEDD1

 FFFFEE

 BC1F21

 BC1F21

 BC0C0E

 BC3234

 BC0002

 BC4546

 BC5759

 BC6A6B

 BC7D7E

 BC9090

 BCA3A3

 BCB5B5

 BCC8C8

# Harmonies

## Analogous

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



C4005B



BC1F21



9D4800

# Triad

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



BC1F21



007628



0066D8

# Complementary

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



BC1F21



1FBCBA

# 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.



0074CC



BC1F21



007868

# Square

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



BC1F21



2D6F00



0078A2



644BC4

# Rectangle

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



BC1F21



805A00



0078A2



006CD8



# Sweetspot

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



BC1F21



F5B8B8



B91FBC



7A5656



FAFAFA



7A7A7A



# Same Dimension

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



BC1F21



F50003



BC6B1F



5E5555



9E0002



1F0000



# Inverse Universe

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



BC1F21



F50003



1F70BC



5E5555



9E0002



1F0000



# Previews

## White Background



This preview shows how the Hex color BC1F21 looks on a white background.

## Color Contrast Check

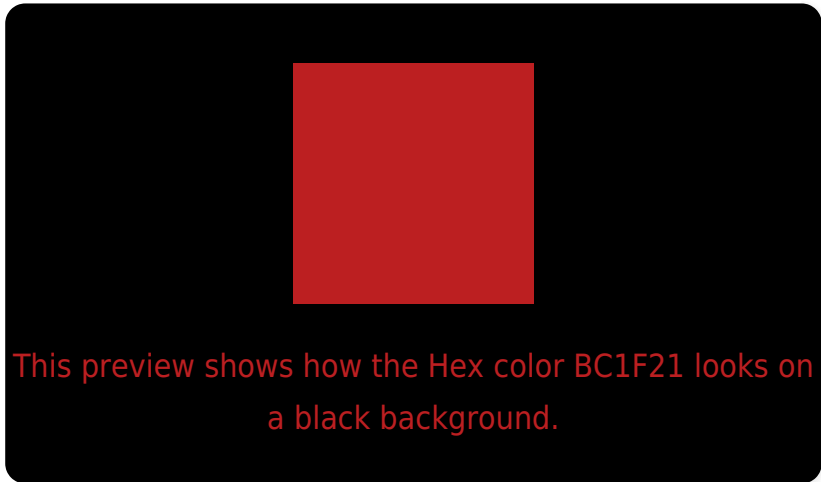
Large Text (above 18pt) WCAG AA ✓ Pass

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 BC1F21 Background



This preview shows how black text looks on a background with the Hex color BC1F21.



This preview shows how white text looks on a background with the Hex color BC1F21.

# 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**  
BC1F21

**Protanomaly**  
894A2C

**Deuteranomaly**  
934616

**Tritanomaly**  
BC1F1F

# Monochromacy



**Original Color**  
BC1F21

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
763D3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC1F21 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 #BC1F21 looks like.

```
.text, #text, p{  
    color:#BC1F21  
}
```

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 #BC1F21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC1F21  
}
```

## Border

The CSS property to change the border of an element to Hex BC1F21 is called "border". The border property can be set on classes, ids or directly on the HTML element.

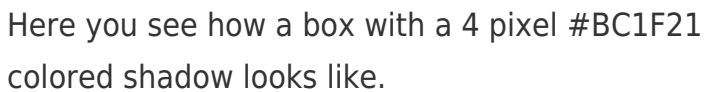
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#BC1F21 }
```

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

```
.border{ border-color:#BC1F21 }
```

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



Here you see how a box with a 4 pixel `#BC1F21` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC1F21; -webkit-box-shadow:4px 4px  
4px 4px #BC1F21; box-shadow:4px 4px 4px  
4px #BC1F21 }
```

# Background

The CSS property to change the background color of an element to Hex BC1F21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC1F21 }
```

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

```
.background{ background-color:#BC1F21 }
```

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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