

Converting Colors

Hex(BF221F)

Have a look what the booklet for
Hex(BF221F) contains.

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Color

Hex(BF221F)

Conversions

Conversions Part 1

Format	Color
Hex	BF221F
RGB	191, 34, 31
RGB Percent	75%, 13%, 12%
CMY	0.2510, 0.8667, 0.8784
CMYK	0.00, 0.82, 0.84, 0.25
HSL	1°, 72%, 44%
HSV	1°, 84%, 75%
XYZ	22.3052, 12.3193, 2.4986
YIQ	80.6010, 94.5350, 32.3510

Conversions

Conversions Part 2

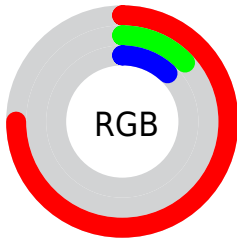
Format	Color
R_{YB}	191, 34, 31
Decimal	12526111
CIE _{Lab}	41.72, 59.62, 42.68
CIE _{LCh}	42, 73.322, 35.600
Yxy	12.3193, 0.6008, 0.3319
Android (android.graphics.Color)	4290716191 (0xFFBF221F)
YUV	80.6010, -24.4533, 96.8199
Hunter-Lab	35.0989, 52.0128, 20.3486

Details

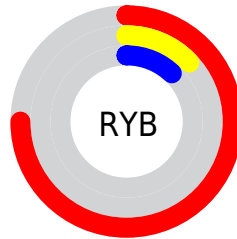
The Hex color **BF221F** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **1FBCBF**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF604D**, and **800000** is the 20% darker color. If you saturate the color by 10%, you get **BF0F0C**, and if you desaturate by 10%, it is **BF3532**.

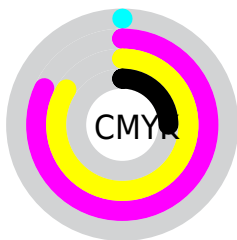
Distribution



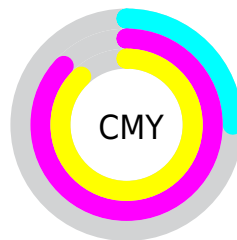
- Red (75%)
- Green (13%)
- Blue (12%)



- Red (75%)
- Yellow (13%)
- Blue (12%)



- Cyan (0%)
- Magenta (82%)
- Yellow (84%)
- Black (25%)



- Cyan (25%)
- Magenta (87%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color BF221F 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 BF221F by changing the saturation by 10% instead.

 BF221F

 BF221F

FFFFFF

 9F0008

 FF604D

 800000

 FF7C65

 610000

 FF987F

 450002

 FFB499

 250001

 FFD1B4

 000000

 FFEFD0

 FFFFEC

 BF221F

 BF221F

 BF0F0C

 BF3532

 BF0400

 BF4745

 BF5A58

 BF6D6B

 BF807F

 BF9292

 BFA5A5

 BFB8B8

 BFCBCB

Harmonies

Analogous

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



C8005A



BF221F



9F4B00

Triad

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



BF221F



00782C



0067DD

Complementary

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



BF221F



1FBCBF

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.



0076D1



BF221F



007B6D

Square

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



BF221F



297200



007BA8



6B4CC6

Rectangle

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



BF221F



805D00



007BA8



006DDD

Sweetspot

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



BF221F



F7BBBA



BF1FBC



7D5857



FCFCFC



7D7D7D

Same Dimension

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



BF221F



F70500



BF721F



5E5555



9E0300



1F0100

Inverse Universe

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



1FB0BF



00F3F7



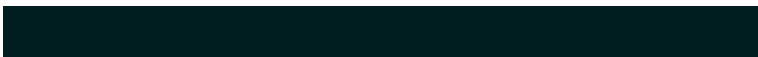
1F60BF



555E5E



009B9E



001E1F

Previews

White Background



This preview shows how the Hex color BF221F looks on a white background.

Color Contrast Check

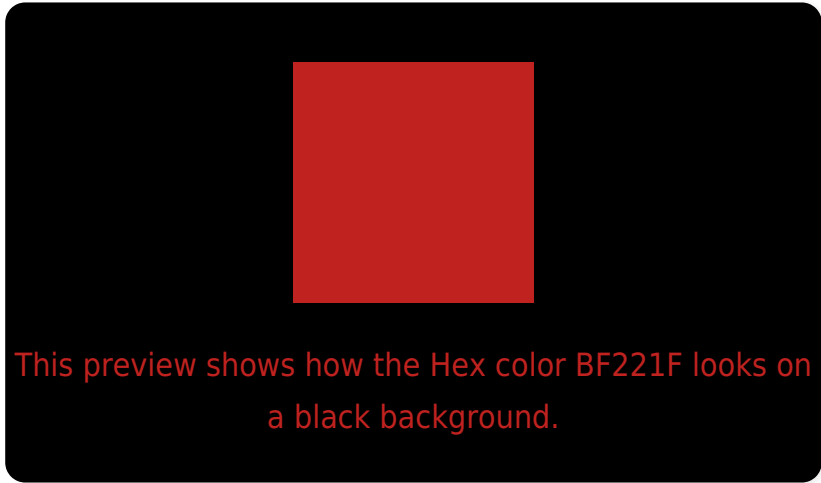
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF221F Background



This preview shows how black text looks on a background with the Hex color BF221F.



This preview shows how white text looks on a background with the Hex color BF221F.

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

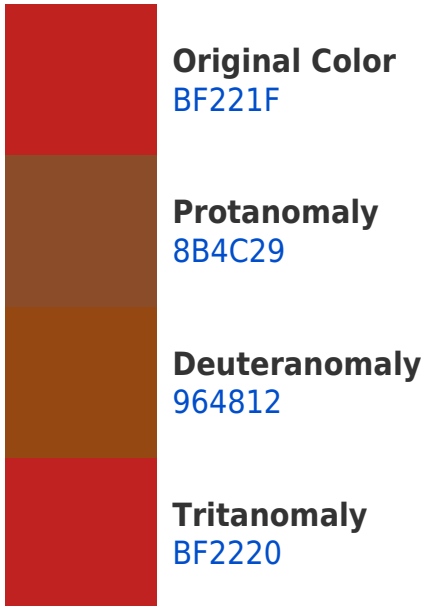


Original Color
BF221F

Protanopia
6E642F

Deuteranopia
7E5E0A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BF221F 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 #BF221F looks like.

```
.text, #text, p{  
    color:#BF221F  
}
```

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 #BF221F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF221F
}
```

Border

The CSS property to change the border of an element to Hex BF221F is called "border". The border property can be set on classes, ids or directly on the HTML element.

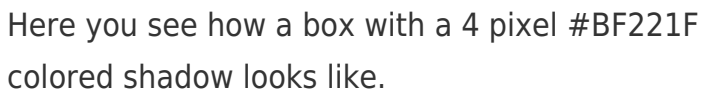
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF221F }
```

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

```
.border{ border-color:#BF221F }
```

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



Here you see how a box with a 4 pixel #BF221F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF221F; -webkit-box-shadow:4px 4px  
4px 4px #BF221F; box-shadow:4px 4px 4px  
4px #BF221F }
```

Background

The CSS property to change the background color of an element to Hex BF221F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF221F }
```

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

```
.background{ background-color:#BF221F }
```

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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