

Converting Colors

Hex(B2201F)

Have a look what the booklet for
Hex(B2201F) contains.

Hex(B2201F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B2201F)

Conversions

Conversions Part 1

Format	Color
Hex	B2201F
RGB	178, 32, 31
RGB Percent	70%, 13%, 12%
CMY	0.3020, 0.8745, 0.8784
CMYK	0.00, 0.82, 0.83, 0.30
HSL	0°, 70%, 41%
HSV	0°, 83%, 70%
XYZ	19.1239, 10.5969, 2.3338
YIQ	75.5400, 87.3370, 30.6410

Conversions

Conversions Part 2

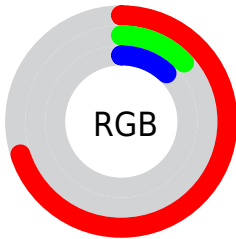
Format	Color
RYB	178, 32, 31
Decimal	11673631
CIELab	38.89, 56.38, 39.09
CIELCh	39, 68.604, 34.733
Yxy	10.5969, 0.5966, 0.3306
Android (android.graphics.Color)	4289863711 (0xFFB2201F)
YUV	75.5400, -21.9582, 89.8574
Hunter-Lab	32.5529, 47.8961, 18.5364

Details

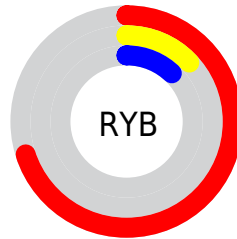
The Hex color **B2201F** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **1FB1B2**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **F15C4C**, and **740000** is the 20% darker color. If you saturate the color by 10%, you get **B20E0D**, and if you desaturate by 10%, it is **B23231**.

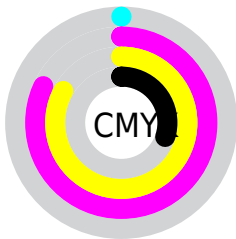
Distribution



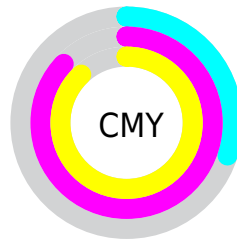
- Red (70%)
- Green (13%)
- Blue (12%)



- Red (70%)
- Yellow (13%)
- Blue (12%)



- Cyan (0%)
- Magenta (82%)
- Yellow (83%)
- Black (30%)



- Cyan (30%)
- Magenta (87%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2201F 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 B2201F by changing the saturation by 10% instead.

 B2201F

 B2201F

FFFFFF

 930009

 F15C4C

 740000

 FF7865

 560000

 FF947E

 3B0002

 FFB098

 130000

 FFCDB3

 000000

 FFEACF

 FFFFEB

 B2201F

 B2201F

 B20E0D

 B23231

 B20100

 B24343

 B25554

 B26766

 B27878

 B28A8A

 B29C9C

 B2ADAD

 B2BFBF

Harmonies

Analogous

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



BA0055



B2201F



954600

Triad

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



B2201F



007028



0061CD

Complementary

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



B2201F



1FB1B2

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.



006EC1



B2201F



007263

Square

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



B2201F



2A6900



00729A



6147B9

Rectangle

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



B2201F



795600



00729A



0066CC

Sweetspot

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



B2201F



E8AEAE



B21FB2



755252



F5F5F5



757575

Same Dimension

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



B2201F



E80402



B2691F



595050



990100



1A0000

Inverse Universe

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



1FB1B2



02E6E8



1F69B2



505959



009899



00191A

Previews

White Background



This preview shows how the Hex color B2201F 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 B2201F Background



This preview shows how black text looks on a background with the Hex color B2201F.



This preview shows how white text looks on a background with the Hex color B2201F.

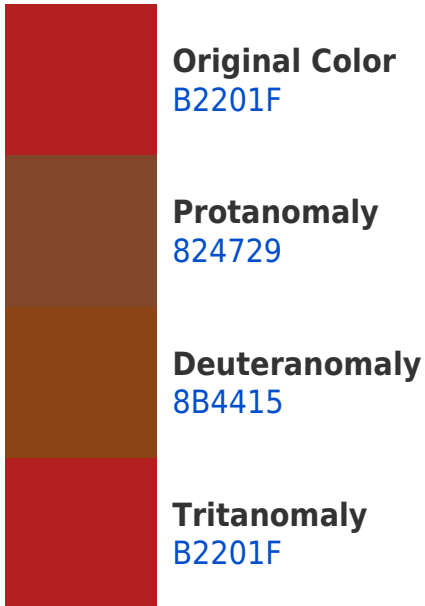
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2201F 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 #B2201F looks like.

```
.text, #text, p{  
    color:#B2201F  
}
```

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 #B2201F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2201F
}
```

Border

The CSS property to change the border of an element to Hex B2201F is called "border". The border property can be set on classes, ids or directly on the HTML element.

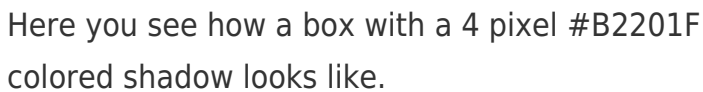
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B2201F }
```

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

```
.border{ border-color:#B2201F }
```

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



Here you see how a box with a 4 pixel #B2201F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2201F; -webkit-box-shadow:4px 4px  
4px 4px #B2201F; box-shadow:4px 4px 4px  
4px #B2201F }
```

Background

The CSS property to change the background color of an element to Hex B2201F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2201F }
```

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

```
.background{ background-color:#B2201F }
```

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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