

Converting Colors

Hex(B21F1C)

Have a look what the booklet for
Hex(B21F1C) contains.

Hex(B21F1C)	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(B21F1C)

Conversions

Conversions Part 1

Format	Color
Hex	B21F1C
RGB	178, 31, 28
RGB Percent	70%, 12%, 11%
CMY	0.3020, 0.8784, 0.8902
CMYK	0.00, 0.83, 0.84, 0.30
HSL	1°, 73%, 40%
HSV	1°, 84%, 70%
XYZ	19.0597, 10.5288, 2.1263
YIQ	74.6110, 88.5750, 30.2310

Conversions

Conversions Part 2

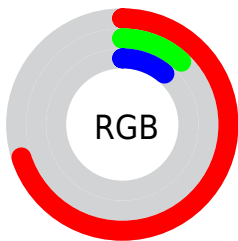
Format	Color
R_{YB}	178, 31, 28
Decimal	11673372
CIE Lab	38.78, 56.56, 40.58
CIE LCh	39, 69.612, 35.660
Yxy	10.5288, 0.6010, 0.3320
Android (android.graphics.Color)	4289863452 (0xFFB21F1C)
YUV	74.6110, -22.9792, 90.6722
Hunter-Lab	32.4481, 48.0649, 18.8284

Details

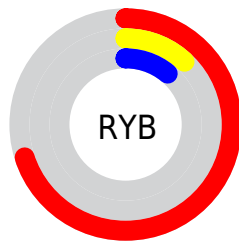
The Hex color **B21F1C** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **1CAFB2**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **F15B4A**, and **740000** is the 20% darker color. If you saturate the color by 10%, you get **B20E0A**, and if you desaturate by 10%, it is **B2302E**.

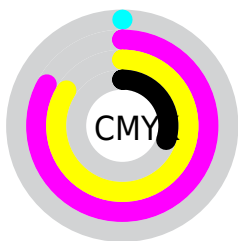
Distribution



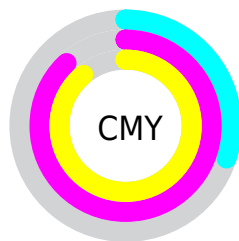
- Red (70%)
- Green (12%)
- Blue (11%)



- Red (70%)
- Yellow (12%)
- Blue (11%)



- Cyan (0%)
- Magenta (83%)
- Yellow (84%)
- Black (30%)



- Cyan (30%)
- Magenta (88%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color B21F1C 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 B21F1C by changing the saturation by 10% instead.

 B21F1C

 B21F1C

FFFFFF

 930005

 F15B4A

 740000

 FF7762

 560000

 FF937B

 3A0002

 FFAF95

 130000

 FFCCB0

 000000

 FFE9CB

 FFFFE8

 B21F1C

 B21F1C

 B20E0A

 B2302E

 B20400

 B24240

 B25351

 B26563

 B27675

 B28887

 B29999

 B2ABAA

 B2BCBC

Harmonies

Analogous

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



BB0053



B21F1C



944600

Triad

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



B21F1C



007028



0060CE

Complementary

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



B21F1C



1CAFB2

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.



006DC3



B21F1C



007265

Square

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



B21F1C



256A00



00729D



6446B9

Rectangle

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



B21F1C



775600



00729D



0066CE

Sweetspot

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



B21F1C



E8AFAE



B21CB0



755352



F5F5F5



757575

Same Dimension

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



B21F1C



E80500



B2691C



595150



990300



1A0100

Inverse Universe

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



1CAF82



00E3E8



1C65B2



505959



009699



00191A

Previews

White Background



This preview shows how the Hex color B21F1C 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 B21F1C Background



This preview shows how black text looks on a background with the Hex color B21F1C.



This preview shows how white text looks on a background with the Hex color B21F1C.

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
B21F1C

Protanopia
675D2B

Deuteranopia
755805

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B21F1C 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 #B21F1C looks like.

```
.text, #text, p{  
    color:#B21F1C  
}
```

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 #B21F1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B21F1C
}
```

Border

The CSS property to change the border of an element to Hex B21F1C 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".

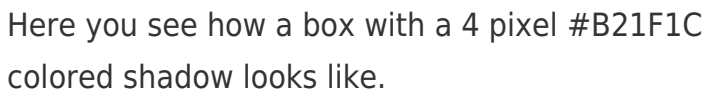
```
.border, #border, table{ border:4px solid
#B21F1C }
```

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

```
.border{ border-color:#B21F1C }
```

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

Here you see how a box with a 4 pixel #B21F1C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B21F1C; -webkit-box-shadow:4px 4px  
4px 4px #B21F1C; box-shadow:4px 4px 4px  
4px #B21F1C }
```

Background

The CSS property to change the background color of an element to Hex B21F1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B21F1C }
```

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

```
.background{ background-color:#B21F1C }
```

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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