

Converting Colors

Hex(B21A1A)

Have a look what the booklet for
Hex(B21A1A) contains.

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Color

Hex(B21A1A)

Conversions

Conversions Part 1

Format	Color
Hex	B21A1A
RGB	178, 26, 26
RGB Percent	70%, 10%, 10%
CMY	0.3020, 0.8980, 0.8980
CMYK	0.00, 0.85, 0.85, 0.30
HSL	0°, 75%, 40%
HSV	0°, 85%, 70%
XYZ	18.9159, 10.2783, 1.9642
YIQ	71.4480, 90.5920, 32.2240

Conversions

Conversions Part 2

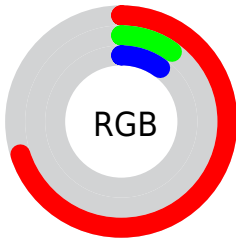
Format	Color
RYB	178, 26, 26
Decimal	11672090
CIELab	38.34, 57.71, 41.23
CIELCh	38, 70.925, 35.545
Yxy	10.2783, 0.6071, 0.3299
Android (android.graphics.Color)	4289862170 (0xFFB21A1A)
YUV	71.4480, -22.4059, 93.4461
Hunter-Lab	32.0599, 49.2137, 18.8094

Details

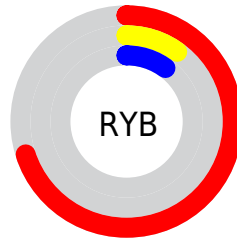
The Hex color **B21A1A** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **1AB2B2**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **F15947**, and **740000** is the 20% darker color. If you saturate the color by 10%, you get **B20808**, and if you desaturate by 10%, it is **B22C2C**.

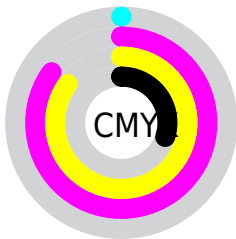
Distribution



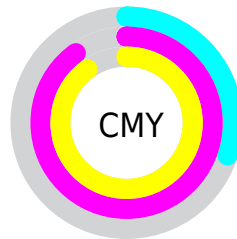
- Red (70%)
- Green (10%)
- Blue (10%)



- Red (70%)
- Yellow (10%)
- Blue (10%)



- Cyan (0%)
- Magenta (85%)
- Yellow (85%)
- Black (30%)



- Cyan (30%)
- Magenta (90%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color B21A1A 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 B21A1A by changing the saturation by 10% instead.

 B21A1A

 B21A1A

FFFFFF

 930003

 F15947

 740000

 FF7560

 550000

 FF9179

 3A0002

 FFAD93

 120000

 FFCAAD

 000000

 FFE7C9

 FFFF E5

 B21A1A

 B21A1A

 B20808

 B22C2C

 B20000

 B23E3E

 B24F4F

 B26161

 B27373

 B28585

 B29797

 B2A8A8

 B2BABA

Harmonies

Analogous

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



BB0052



B21A1A



934400

Triad

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



B21A1A



006F26



005FCF

Complementary

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



B21A1A



1AB2B2

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.



006DC4



B21A1A



007164

Square

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



B21A1A



226900



00719C



6244B9

Rectangle

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



B21A1A



765500



00719C



0065CF

Sweetspot

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



B21A1A



E8ACAC



B21AB2



755151



F5F5F5



757575

Same Dimension

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



B21A1A



E80000



B2661A



595050



990000



1A0000

Inverse Universe

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



1AB2B2



00E8E8



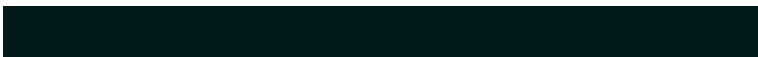
1A66B2



505959



009999



001A1A

Previews

White Background



This preview shows how the Hex color B21A1A looks on a white background.

Color Contrast Check

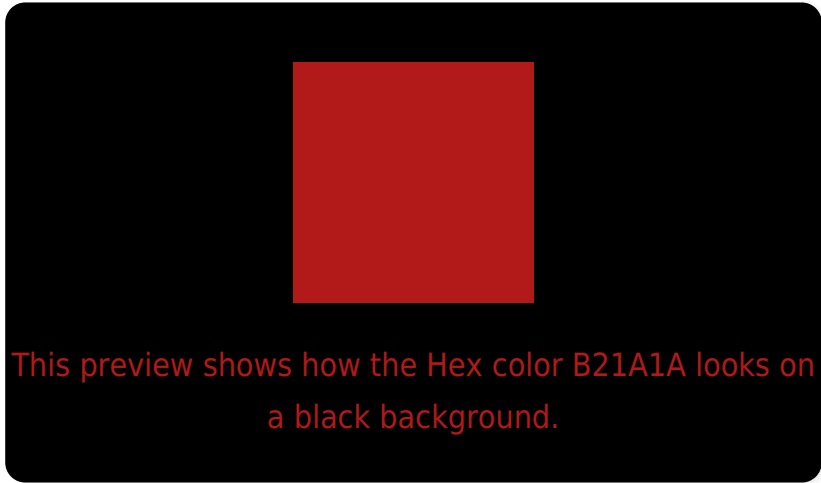
Large Text (above 18pt) WCAG AA ✓ Pass

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 B21A1A Background



This preview shows how black text looks on a background with the Hex color B21A1A.



This preview shows how white text looks on a background with the Hex color B21A1A.

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
B21A1A

Protanopia
665C29

Deuteranopia
745700



Tritanopia
B21A18

Trichromacy



Original Color
B21A1A

Protanomaly
824424

Deuteranomaly
8B4109

Tritanomaly
B21A19

Monochromacy



Original Color
B21A1A

Achromatopsia
474747

Achromatomaly
6E3737

CSS Examples

Text

The CSS property to change the color of the text to Hex B21A1A 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 #B21A1A looks like.

```
.text, #text, p{  
    color:#B21A1A  
}
```

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 #B21A1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B21A1A
}
```

Border

The CSS property to change the border of an element to Hex B21A1A is called "border". The border property can be set on classes, ids or directly on the HTML element.

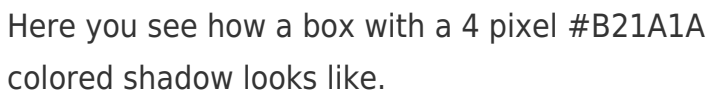
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B21A1A }
```

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

```
.border{ border-color:#B21A1A }
```

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



Here you see how a box with a 4 pixel #B21A1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B21A1A; -webkit-box-shadow:4px 4px  
4px 4px #B21A1A; box-shadow:4px 4px 4px  
4px #B21A1A }
```

Background

The CSS property to change the background color of an element to Hex B21A1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B21A1A }
```

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

```
.background{ background-color:#B21A1A }
```

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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