

Converting Colors

Hex(AB1F1F)

Have a look what the booklet for
Hex(AB1F1F) contains.

Hex(AB1F1F)	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(AB1F1F)

Conversions

Conversions Part 1

Format	Color
Hex	AB1F1F
RGB	171, 31, 31
RGB Percent	67%, 12%, 12%
CMY	0.3294, 0.8784, 0.8784
CMYK	0.00, 0.82, 0.82, 0.33
HSL	0°, 69%, 40%
HSV	0°, 82%, 67%
XYZ	17.5319, 9.7368, 2.2517
YIQ	72.8600, 83.4400, 29.6800

Conversions

Conversions Part 2

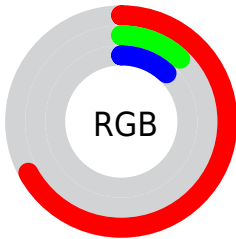
Format	Color
R_{YB}	171, 31, 31
Decimal	11214623
CIE Lab	37.37, 54.60, 37.11
CIE LCh	37, 66.016, 34.208
Yxy	9.7368, 0.5939, 0.3298
Android (android.graphics.Color)	4289404703 (0xFFAB1F1F)
YUV	72.8600, -20.6370, 86.0688
Hunter-Lab	31.2039, 45.6833, 17.5643

Details

The Hex color **AB1F1F** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **1FABAB**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **EA5A4C**, and **6E0000** is the 20% darker color. If you saturate the color by 10%, you get **AB0E0E**, and if you desaturate by 10%, it is **AB3030**.

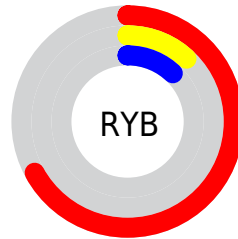
Distribution



Red (67%)

Green (12%)

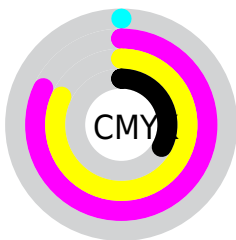
Blue (12%)



Red (67%)

Yellow (12%)

Blue (12%)

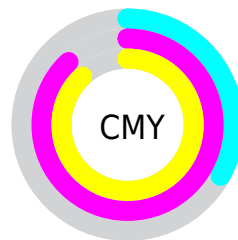


Cyan (0%)

Magenta (82%)

Yellow (82%)

Black (33%)



Cyan (33%)

Magenta (88%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB1F1F 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 AB1F1F by changing the saturation by 10% instead.



AB1F1F



AB1F1F

FFFFFF



8C0009



EA5A4C



6E0000



FF7664



500000



FF927E



340002



FFAE98



000000



FFCAB3



FFE7CE



FFFFEB



AB1F1F



AB1F1F

■ AB0E0E

■ AB3030

■ AB0000

■ AB4141

■ AB5252

■ AB6363

■ AB7474

■ AB8686

■ AB9797

■ ABA8A8

■ ABB9B9

Harmonies

Analogous

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



B20053



AB1F1F



8F4200

Triad

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



AB1F1F



006B25



005DC4

Complementary

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



AB1F1F



1FABAB

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.



0069B9



AB1F1F



006E5E

Square

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



AB1F1F



2B6500



006E93



5C45B1

Rectangle

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



AB1F1F



755200



006E93



0062C4

Sweetspot

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



AB1F1F



DEA6A6



AB1FAB



704F4F



F0F0F0



707070

Same Dimension

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



AB1F1F



DE0404



AB651F



574E4E



960000



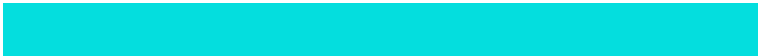
170000

Inverse Universe

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



1FABAB



04DEDE



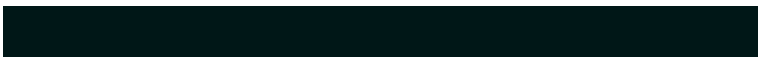
1F65AB



4E5757



009696



001717

Previews

White Background



This preview shows how the Hex color AB1F1F looks on a white background.

Color Contrast Check

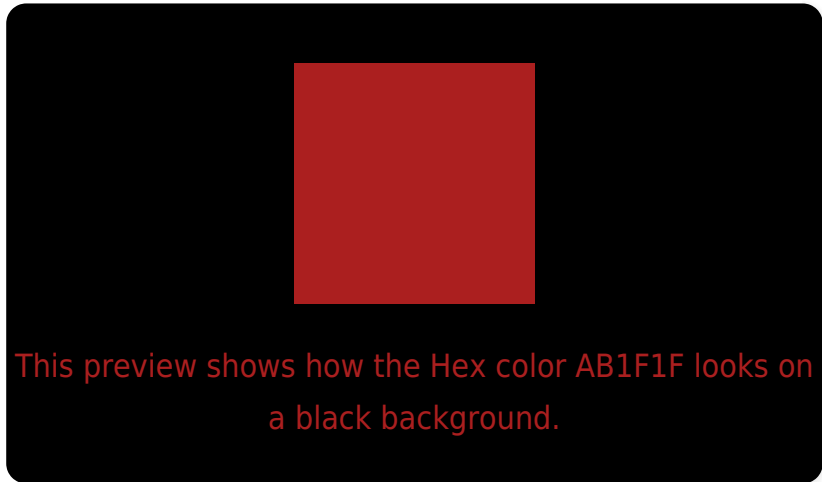
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 AB1F1F Background



This preview shows how black text looks on a background with the Hex color AB1F1F.



This preview shows how white text looks on a background with the Hex color AB1F1F.

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

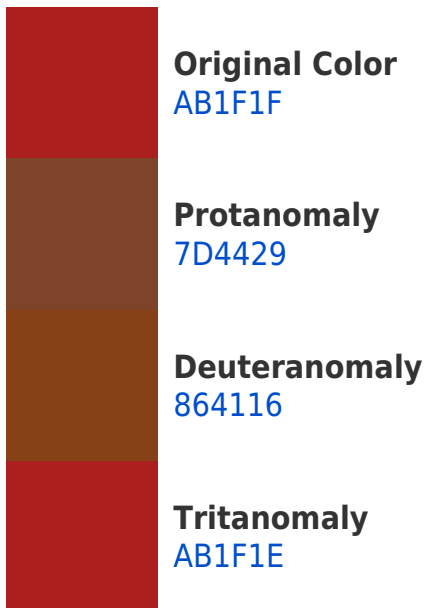


Original Color
AB1F1F

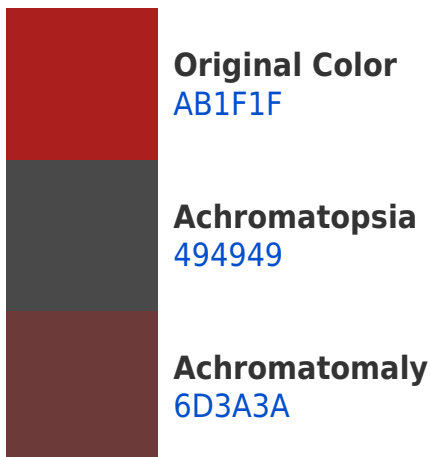
Protanopia
63592E

Deuteranopia
715511

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB1F1F 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 #AB1F1F looks like.

```
.text, #text, p{  
  color:#AB1F1F  
}
```

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 #AB1F1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB1F1F }  
}
```

Border

The CSS property to change the border of an element to Hex AB1F1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

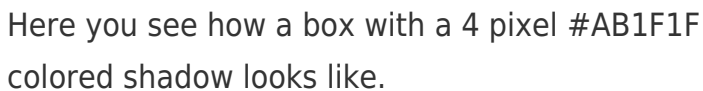
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #AB1F1F }  
}
```

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

```
.border{ border-color:#AB1F1F }
```

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



Here you see how a box with a 4 pixel #AB1F1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB1F1F; -webkit-box-shadow:4px 4px  
4px 4px #AB1F1F; box-shadow:4px 4px 4px  
4px #AB1F1F }
```

Background

The CSS property to change the background color of an element to Hex AB1F1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB1F1F }
```

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

```
.background{ background-color:#AB1F1F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor