

Converting Colors

Hex(AB581F)

Have a look what the booklet for
Hex(AB581F) contains.

Hex(AB581F)	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(AB581F)

Conversions

Conversions Part 1

Format	Color
Hex	AB581F
RGB	171, 88, 31
RGB Percent	67%, 35%, 12%
CMY	0.3294, 0.6549, 0.8784
CMYK	0.00, 0.49, 0.82, 0.33
HSL	24°, 69%, 40%
HSV	24°, 82%, 67%
XYZ	20.5316, 15.7363, 3.2516
YIQ	106.3190, 67.7650, -0.1310

Conversions

Conversions Part 2

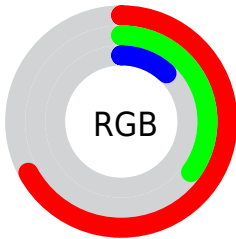
Format	Color
RYB	171, 127, 31
Decimal	11229215
CIELab	46.63, 30.06, 45.93
CIELCh	47, 54.892, 56.790
Yxy	15.7363, 0.5195, 0.3982
Android (android.graphics.Color)	4289419295 (0xFFAB581F)
YUV	106.3190, -37.1323, 56.7252
Hunter-Lab	39.6690, 22.9661, 22.9084

Details

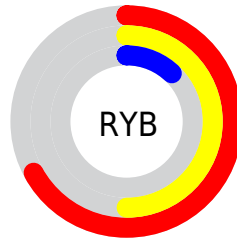
The Hex color **AB581F** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1F72AB**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **E78B50**, and **712800** is the 20% darker color. If you saturate the color by 10%, you get **AB4E0E**, and if you desaturate by 10%, it is **AB6230**.

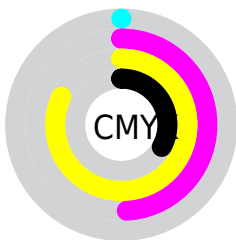
Distribution



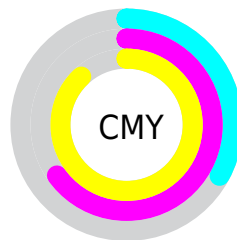
- Red (67%)
- Green (35%)
- Blue (12%)



- Red (67%)
- Yellow (50%)
- Blue (12%)



- Cyan (0%)
- Magenta (49%)
- Yellow (82%)
- Black (33%)



- Cyan (33%)
- Magenta (65%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB581F 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 AB581F by changing the saturation by 10% instead.

 AB581F

 AB581F

FFFFFF

 8D4004

 E78B50

 712800

 FFA669

 541000

 FFC183

 380000

 FFDD9E

 1D0001

 FFFAB9

 000000

 FFFFD5

 FFFFF2

 AB581F

 AB581F

■ AB4E0E

■ AB6230

■ AB4600

■ AB6C41

■ AB7652

■ AB8163

■ AB8B74

■ AB9586

■ AB9F97

■ ABA9A8

■ ABB3B9

Harmonies

Analogous

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



BF4548



AB581F



896B00

Triad

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



AB581F



008368



6464C1

Complementary

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



AB581F



1F72AB

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.



0076CB



AB581F



008497

Square

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



AB581F



0A8039



0080BB



A14FA2

Rectangle

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



AB581F



6C7400



0080BB



416BC7

Sweetspot

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



AB581F



DEBDA6



AB1F73



705C4F



F0F0F0



707070

Same Dimension

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



AB581F



DE5D04



AB9D1F



57524E



963D00



170900

Inverse Universe

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



1F72AB



0485DE



1F2DAB



4E5357



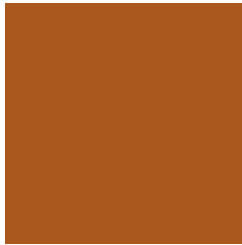
005996



000E17

Previews

White Background



This preview shows how the Hex color AB581F looks on a white background.

Color Contrast Check

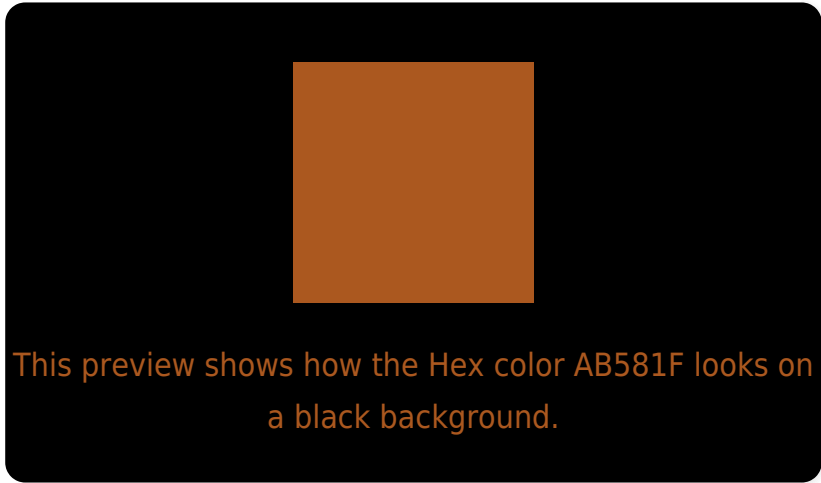
Large Text (above 18pt) WCAG AA ✓ Pass

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

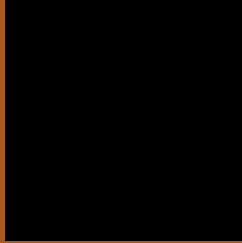
Any Text WCAG AA × Fail

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 AB581F Background



This preview shows how black text looks on a background with the Hex color AB581F.



This preview shows how white text looks on a background with the Hex color AB581F.

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
AB581F

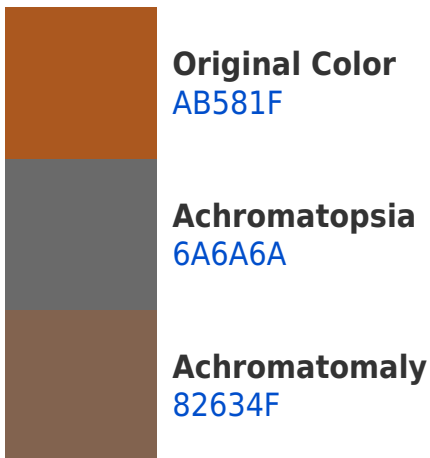
Protanopia
7C6F25

Deuteranopia
8C6918

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB581F 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 #AB581F looks like.

```
.text, #text, p{  
    color:#AB581F  
}
```

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 #AB581F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB581F
}
```

Border

The CSS property to change the border of an element to Hex AB581F 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
#AB581F }
```

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

```
.border{ border-color:#AB581F }
```

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

Here you see how a box with a 4 pixel #AB581F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB581F; -webkit-box-shadow:4px 4px  
4px 4px #AB581F; box-shadow:4px 4px 4px  
4px #AB581F }
```

Background

The CSS property to change the background color of an element to Hex AB581F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB581F }
```

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

```
.background{ background-color:#AB581F }
```

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