

Converting Colors

Hex(AF561C)

Have a look what the booklet for
Hex(AF561C) contains.

Hex(AF561C)	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(AF561C)

Conversions

Conversions Part 1

Format	Color
Hex	AF561C
RGB	175, 86, 28
RGB Percent	69%, 34%, 11%
CMY	0.3137, 0.6627, 0.8902
CMYK	0.00, 0.51, 0.84, 0.31
HSL	24°, 72%, 40%
HSV	24°, 84%, 69%
XYZ	21.2166, 15.8534, 3.0404
YIQ	105.9990, 71.6620, 0.8300

Conversions

Conversions Part 2

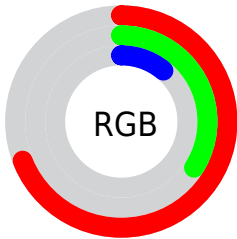
Format	Color
R _Y B	175, 124, 28
Decimal	11490844
CIE Lab	46.78, 32.70, 47.57
CIE LCh	47, 57.722, 55.496
Yxy	15.8534, 0.5290, 0.3952
Android (android.graphics.Color)	4289680924 (0xFFAF561C)
YUV	105.9990, -38.4535, 60.5139
Hunter-Lab	39.8163, 25.4373, 23.3440

Details

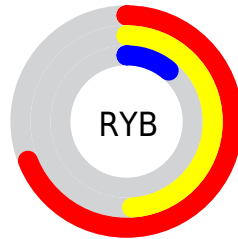
The Hex color **AF561C** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1C75AF**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **EC894D**, and **742500** is the 20% darker color. If you saturate the color by 10%, you get **AF4B0B**, and if you desaturate by 10%, it is **AF612E**.

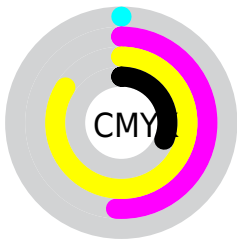
Distribution



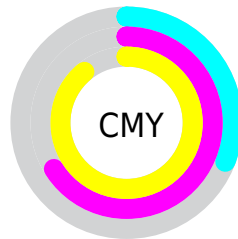
- Red (69%)
- Green (34%)
- Blue (11%)



- Red (69%)
- Yellow (49%)
- Blue (11%)



- Cyan (0%)
- Magenta (51%)
- Yellow (84%)
- Black (31%)



- Cyan (31%)
- Magenta (66%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF561C 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 AF561C by changing the saturation by 10% instead.

 AF561C

 AF561C

FFFFFF

 913D00

 EC894D

 742500

 FFA466

 570C00

 FFBF80

 3B0000

 FFDC9B

 210001

 FFF8B6

 000000

 FFFFD2

 FFFFEF

 AF561C

 AF561C

■ AF4B0B

■ AF612E

■ AF4500

■ AF6B3F

■ AF7651

■ AF8062

■ AF8B73

■ AF9685

■ AFA097

■ AFABA8

■ AFB5BA

Harmonies

Analogous

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



C34148



AF561C



8C6A00

Triad

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



AF561C



008466



5E65C7

Complementary

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



AF561C



1C75AF

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.



0077D0



AF561C



008597

Square

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



AF561C



018134



0081BE



A24EA7

Rectangle

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



AF561C



6E7400



0081BE



346CCD

Sweetspot

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



AF561C



E3C1AA



AF1C77



735E50



F2F2F2



737373

Same Dimension

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



AF561C



E35A00



AF9E1C



57514E



963B00



170900

Inverse Universe

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



1C75AF



0089E3



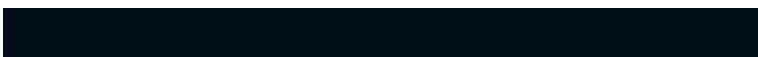
1C2DAF



4E5357



005B96



000E17

Previews

White Background



This preview shows how the Hex color AF561C looks on a white background.

Color Contrast Check

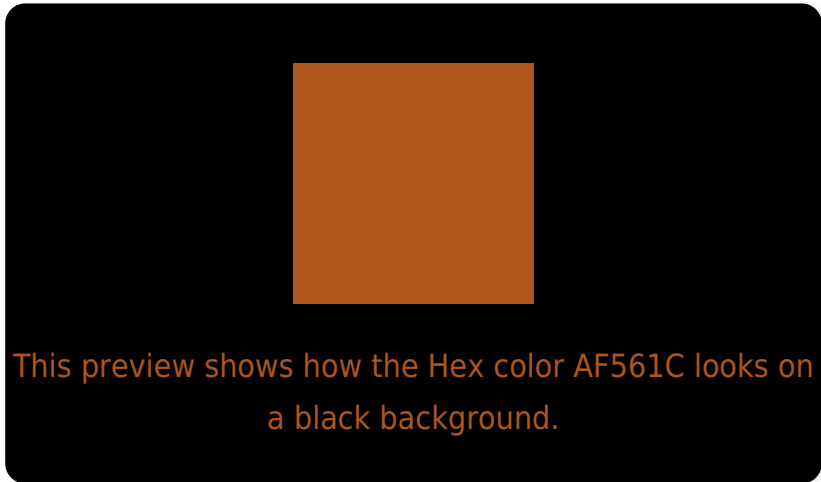
Large Text (above 18pt) WCAG AA ✓ Pass

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

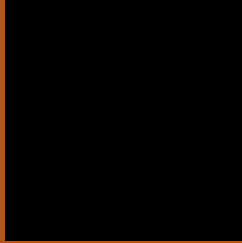
Any Text WCAG AA × Fail

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 AF561C Background



This preview shows how black text looks on a background with the Hex color AF561C.



This preview shows how white text looks on a background with the Hex color AF561C.

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
AF561C

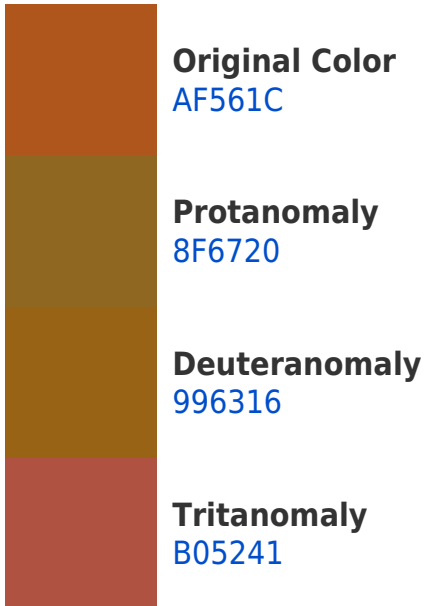
Protanopia
7D7023

Deuteranopia
8D6A12



Tritanopia
B15056

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF561C 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 #AF561C looks like.

```
.text, #text, p{  
    color:#AF561C  
}
```

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 #AF561C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF561C
}
```

Border

The CSS property to change the border of an element to Hex AF561C 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
#AF561C }
```

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

```
.border{ border-color:#AF561C }
```

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

Here you see how a box with a 4 pixel #AF561C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF561C; -webkit-box-shadow:4px 4px  
4px 4px #AF561C; box-shadow:4px 4px 4px  
4px #AF561C }
```

Background

The CSS property to change the background color of an element to Hex AF561C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF561C }
```

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

```
.background{ background-color:#AF561C }
```

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