

# Converting Colors

Hex(AA561F)

Have a look what the booklet for  
Hex(AA561F) contains.

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# Color

**Hex(AA561F)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | AA561F                    |
| RGB           | 170, 86, 31               |
| RGB Percent   | 67%, 34%, 12%             |
| CMY           | 0.3333, 0.6627, 0.8784    |
| CMYK          | 0.00, 0.49, 0.82, 0.33    |
| HSL           | 24°, 69%, 39%             |
| HSV           | 24°, 82%, 67%             |
| XYZ           | 20.1527, 15.3006, 3.1875  |
| YIQ           | 104.8460, 67.7190, 0.7030 |

# Conversions

## Conversions Part 2

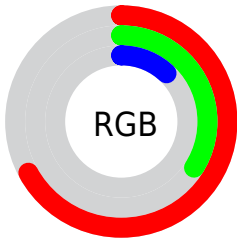
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 170, 122, 31                   |
| Decimal                             | 11163167                       |
| CIE Lab                             | 46.04, 30.72, 45.33            |
| CIE LCh                             | 46, 54.762, 55.873             |
| Yxy                                 | 15.3006, 0.5215,<br>0.3960     |
| Android<br>(android.graphics.Color) | 4289353247<br>(0xFFAA561F)     |
| YUV                                 | 104.8460, -36.4061,<br>57.1401 |
| Hunter-Lab                          | 39.1159, 23.5110,<br>22.5497   |

# Details

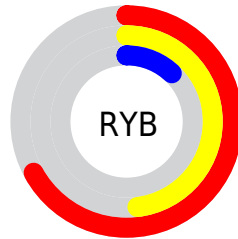
The Hex color **AA561F** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1F73AA**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **E68950**, and **702600** is the 20% darker color. If you saturate the color by 10%, you get **AA4C0E**, and if you desaturate by 10%, it is **AA6030**.

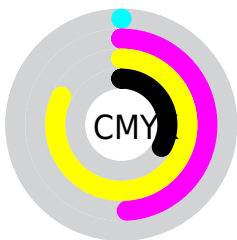
# Distribution



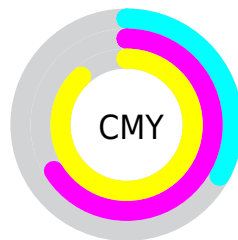
- Red (67%)
- Green (34%)
- Blue (12%)



- Red (67%)
- Yellow (48%)
- Blue (12%)



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



- Cyan (33%)
- Magenta (66%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA561F 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 AA561F by changing the saturation by 10% instead.



 AA561F

 AA561F

FFFFFF

 8C3E04

 E68950

 702600

 FFA469

 530D00

 FFBF83

 370000

 FFDB9D

 1B0001

 FFF8B9

 000000

 FFFFD5

 FFFFF1

 AA561F

 AA561F

■ AA4C0E

■ AA6030

■ AA4300

■ AA6B41

■ AA7552

■ AA7F63

■ AA8974

■ AA9485

■ AA9E96

■ AAA8A7

■ AAB2B8

# Harmonies

## Analogous

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



BD4348



AA561F



886900

# Triad

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



AA561F



008265



5F64C0

# Complementary

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



AA561F



1F73AA

# 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.



0074C9



AA561F



008294

# Square

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



AA561F



0F7E36



007EB9



9E4EA1

# Rectangle

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



AA561F



6C7200



007EB9



3B6AC6



# Sweetspot

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



AA561F



DEBCA6



AA1F75



705C4F



F0F0F0



707070



# Same Dimension

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



AA561F



DE5A04



AA9A1F



544F4C



943B00



140800



# Inverse Universe

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



1F73AA



0488DE



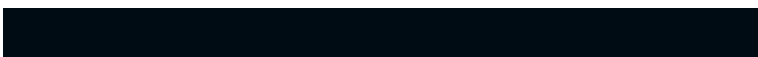
1F2FAA



4C5154



005994



000C14



# Previews

## White Background



This preview shows how the Hex color AA561F looks on a white background.

## Color Contrast Check

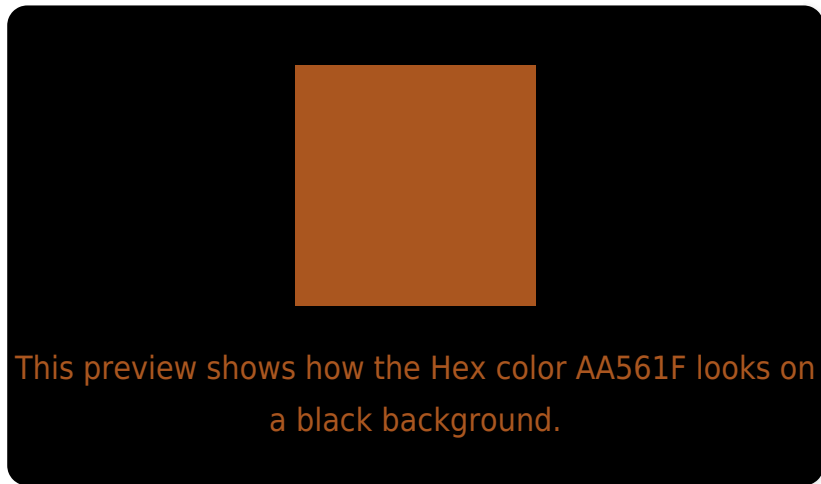
Large Text (above 18pt) WCAG AA ✓ Pass

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 AA561F Background



This preview shows how black text looks on a background with the Hex color AA561F.



This preview shows how white text looks on a background with the Hex color AA561F.

# 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



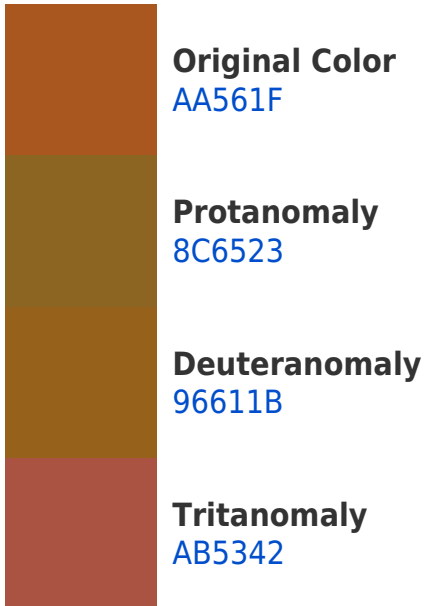
**Original Color**  
AA561F

**Protanopia**  
7B6E25

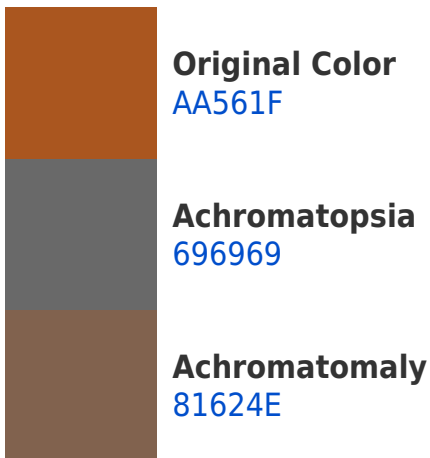
**Deuteranopia**  
8A6818



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA561F 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 #AA561F looks like.

```
.text, #text, p{  
    color:#AA561F  
}
```

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 #AA561F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA561F
}
```

## Border

The CSS property to change the border of an element to Hex AA561F 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
#AA561F }
```

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

```
.border{ border-color:#AA561F }
```

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

Here you see how a box with a 4 pixel #AA561F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA561F; -webkit-box-shadow:4px 4px  
4px 4px #AA561F; box-shadow:4px 4px 4px  
4px #AA561F }
```

# Background

The CSS property to change the background color of an element to Hex AA561F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA561F }
```

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

```
.background{ background-color:#AA561F }
```

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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