

# Converting Colors

Hex(AF5550)

Have a look what the booklet for  
Hex(AF5550) contains.

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# Color

**Hex(AF5550)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF5550
RGB	175, 85, 80
RGB Percent	69%, 33%, 31%
CMY	0.3137, 0.6667, 0.6863
CMYK	0.00, 0.51, 0.54, 0.31
HSL	3°, 37%, 50%
HSV	3°, 54%, 69%
XYZ	22.3757, 16.1901, 9.5351
YIQ	111.3400, 55.2450, 17.5250

# Conversions

## Conversions Part 2

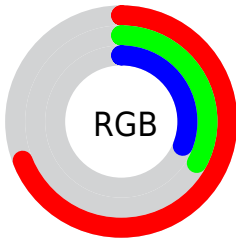
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 85, 80
Decimal	11490640
CIE <sub>Lab</sub>	47.22, 36.22, 20.19
CIE <sub>LCh</sub>	47, 41.467, 29.137
Yxy	16.1901, 0.4652, 0.3366
Android (android.graphics.Color)	4289680720 (0xFFAF5550)
YUV	111.3400, -15.4506, 55.8298
Hunter-Lab	40.2370, 28.8486, 14.1157

# Details

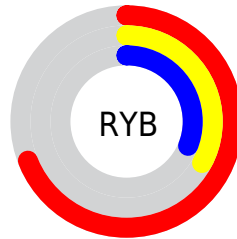
The Hex color **AF5550** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **50AAAF**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **EA8981**, and **762323** is the 20% darker color. If you saturate the color by 10%, you get **AF443F**, and if you desaturate by 10%, it is **AF6662**.

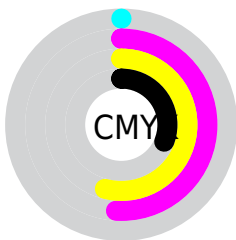
# Distribution



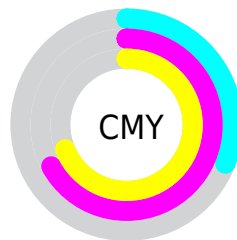
- Red (69%)
- Green (33%)
- Blue (31%)



- Red (69%)
- Yellow (33%)
- Blue (31%)



- Cyan (0%)
- Magenta (51%)
- Yellow (54%)
- Black (31%)



- Cyan (31%)
- Magenta (67%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF5550 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 AF5550 by changing the saturation by 10% instead.



 AF5550

 AF5550

FFFFFF

 923C39

 EA8981

 762323

 FFA49B

 5A060F

 FFBFB6

 3F0000

 FFDCD2

 260001

 FFF9EE

 000000

 AF5550

 AF5550

 AF443F

 AF6662

 AF342D

 AF7673

 AF231C

 AF8785

 AF130A

 AF9796

 AF0900

 AFA8A8

 AFB8B9

 AFC9CB

 AFDADC

 AFEAEE

# Harmonies

## Analogous

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



AE5172



AF5550



9F6134

# Triad

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



AF5550



337E4B



2174B6

# Complementary

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



AF5550



50AAAF

# 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.



007DAB



AF5550



00816E

# Square

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



AF5550



617830



008191



7067AD

# Rectangle

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



AF5550



8E6A29



008191



0077B4



# Sweetspot

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



AF5550



E3C1BF



AF50AA



735E5D



F2F2F2



737373



# Same Dimension

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



AF5550



E3574F



AF8450



574E4E



960800



170100



# Inverse Universe

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



50AAAF



4FDBE3



507BAF



4E5657



008F96

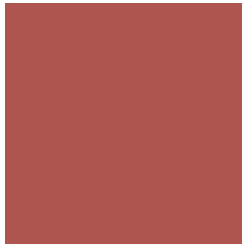


001617



# Previews

## White Background



This preview shows how the Hex color AF5550 looks on a white background.

## Color Contrast Check

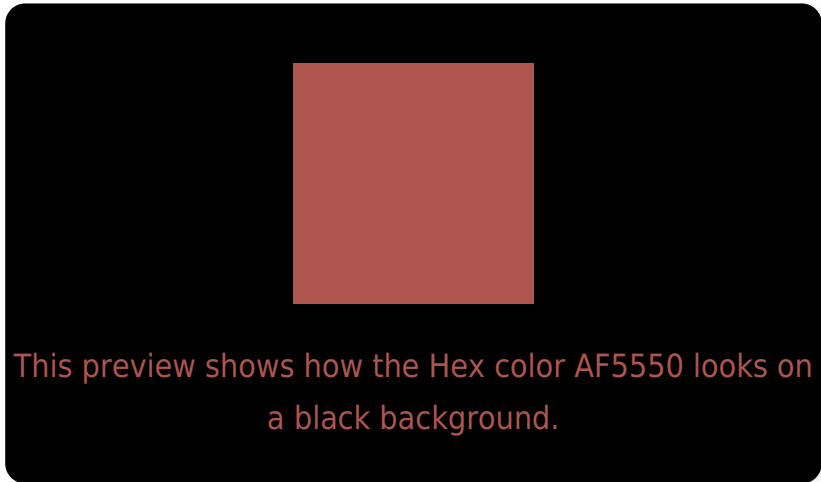
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF5550 Background



This preview shows how black text looks on a background with the Hex color AF5550.



This preview shows how white text looks on a background with the Hex color AF5550.

# 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





# Trichromacy



**Original Color**  
AF5550

**Protanomaly**  
8B6658

**Deuteranomaly**  
96644D

**Tritanomaly**  
B05456

# Monochromacy



**Original Color**  
AF5550

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
866664

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF5550 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 #AF5550 looks like.

```
.text, #text, p{  
    color:#AF5550  
}
```

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 #AF5550 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF5550
}
```

## Border

The CSS property to change the border of an element to Hex AF5550 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
#AF5550 }
```

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

```
.border{ border-color:#AF5550 }
```

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

Here you see how a box with a 4 pixel #AF5550 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF5550; -webkit-box-shadow:4px 4px  
4px 4px #AF5550; box-shadow:4px 4px 4px  
4px #AF5550 }
```

# Background

The CSS property to change the background color of an element to Hex AF5550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF5550 }
```

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

```
.background{ background-color:#AF5550 }
```

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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