

# Converting Colors

Hex(AF5042)

Have a look what the booklet for  
Hex(AF5042) contains.

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**Color**

**Hex(AF5042)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF5042
RGB	175, 80, 66
RGB Percent	69%, 31%, 26%
CMY	0.3137, 0.6863, 0.7412
CMYK	0.00, 0.54, 0.62, 0.31
HSL	8°, 45%, 47%
HSV	8°, 62%, 69%
XYZ	21.5312, 15.2446, 6.9619
YIQ	106.8090, 61.1140, 15.7860

# Conversions

## Conversions Part 2

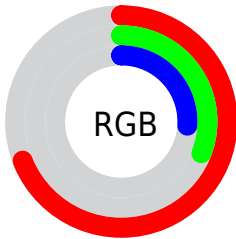
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">175, 82, 66</a>
Decimal	<a href="#">11489346</a>
CIELab	<a href="#">45.97, 37.70, 26.87</a>
CIELCh	<a href="#">46, 46.291, 35.476</a>
Yxy	<a href="#">15.2446, 0.4923, 0.3485</a>
Android (android.graphics.Color)	<a href="#">4289679426</a> (0xFFAF5042)
YUV	<a href="#">106.8090, -20.1188, 59.8035</a>
Hunter-Lab	<a href="#">39.0444, 30.1071, 16.7591</a>

# Details

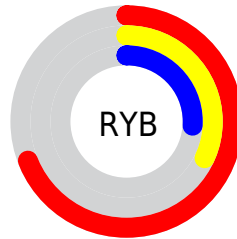
The Hex color **AF5042** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **42A1AF**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **EB8472**, and **751D17** is the 20% darker color. If you saturate the color by 10%, you get **AF4131**, and if you desaturate by 10%, it is **AF5F54**.

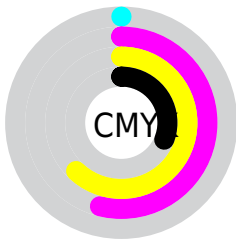
# Distribution



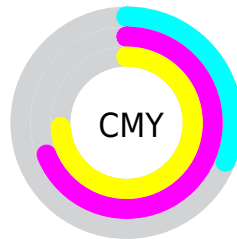
- Red (69%)
- Green (31%)
- Blue (26%)



- Red (69%)
- Yellow (32%)
- Blue (26%)



- Cyan (0%)
- Magenta (54%)
- Yellow (62%)
- Black (31%)



- Cyan (31%)
- Magenta (69%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF5042 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 AF5042 by changing the saturation by 10% instead.



 AF5042

 AF5042

FFFFFF

 92372C

 EB8472

 751D17

 FF9F8C

 590000

 FFBA06

 3D0000

 FFD6C2

 220001

 FFF3DD

 000000

 FFFFFA

 AF5042

 AF5042

 AF4131

 AF5F54

 AF311F

 AF6F65

 AF220E

 AF7E77

 AF1600

 AF8D88

 AF9C9A

 AFACAB

 AFBBBD

 AFCACE

 AFD9E0

# Harmonies

## Analogous

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



B34967



AF5042



9B5F24

# Triad

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



AF5042



027D4B



226FBA

# Complementary

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



AF5042



42A1AF

# 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.



0079B3



AF5042



008073

# Square

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



AF5042



527729



007F99



7860AC

# Rectangle

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



AF5042



866919



007F99



0073BA



# Sweetspot

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



AF5042



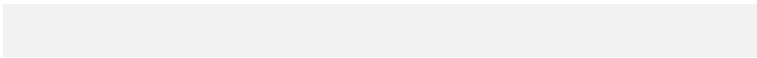
E3BDB8



AF42A2



735C58



F2F2F2



737373



# Same Dimension

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



AF5042



E34F39



AF8542



574F4E



961300



170300



# Inverse Universe

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



42A1AF



39CDE3



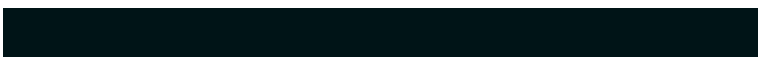
426CAF



4E5657



008396



001417



# Previews

## White Background



This preview shows how the Hex color AF5042 looks on a white background.

## Color Contrast Check

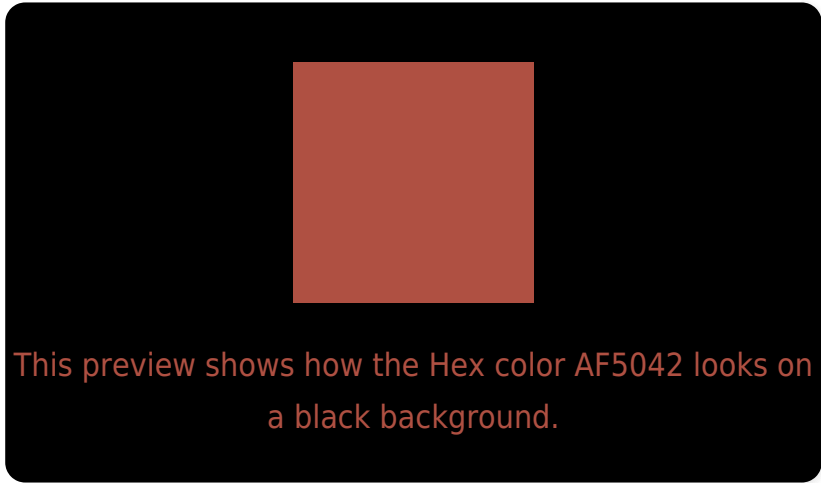
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF5042 Background



This preview shows how black text looks on a background with the Hex color AF5042.



This preview shows how white text looks on a background with the Hex color AF5042.

# 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**  
AF5042

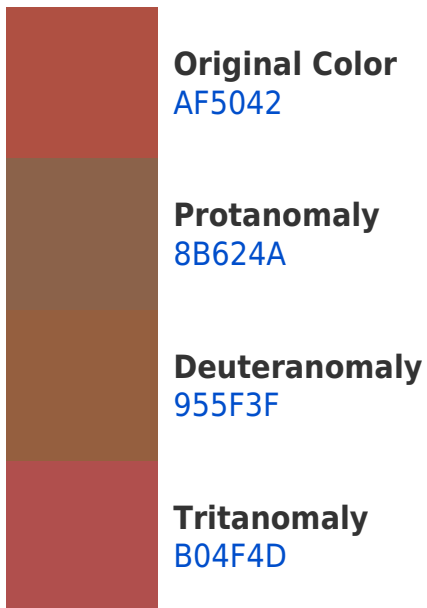
**Protanopia**  
766D4E

**Deuteranopia**  
86683D



**Tritanopia**  
B04E53

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF5042 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 #AF5042 looks like.

```
.text, #text, p{  
    color:#AF5042  
}
```

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 #AF5042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF5042
}
```

## Border

The CSS property to change the border of an element to Hex AF5042 is called "border". The border property can be set on classes, ids or directly on the HTML element.

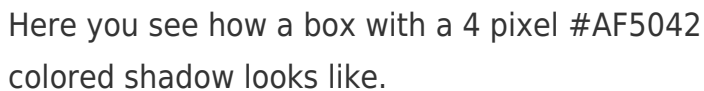
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF5042 }
```

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

```
.border{ border-color:#AF5042 }
```

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



Here you see how a box with a 4 pixel #AF5042 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF5042; -webkit-box-shadow:4px 4px  
4px 4px #AF5042; box-shadow:4px 4px 4px  
4px #AF5042 }
```

# Background

The CSS property to change the background color of an element to Hex AF5042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF5042 }
```

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

```
.background{ background-color:#AF5042 }
```

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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