

# Converting Colors

Hex(AE4F20)

Have a look what the booklet for  
Hex(AE4F20) contains.

<b>Hex(AE4F20)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(AE4F20)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE4F20
RGB	174, 79, 32
RGB Percent	68%, 31%, 13%
CMY	0.3176, 0.6902, 0.8745
CMYK	0.00, 0.55, 0.82, 0.32
HSL	20°, 69%, 40%
HSV	20°, 82%, 68%
XYZ	20.5123, 14.6949, 3.1218
YIQ	102.0470, 71.7070, 5.5230

# Conversions

## Conversions Part 2

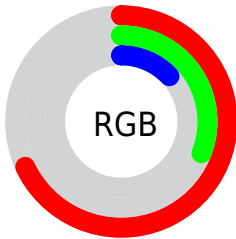
Format	Color
<a href="#">RYB</a>	<a href="#">174, 102, 32</a>
Decimal	<a href="#">11423520</a>
CIELab	<a href="#">45.21, 36.06, 44.33</a>
CIELCh	<a href="#">45, 57.143, 50.871</a>
Yxy	<a href="#">14.6949, 0.5352, 0.3834</a>
Android (android.graphics.Color)	<a href="#">4289613600</a> <a href="#">(0xFFAE4F20)</a>
YUV	<a href="#">102.0470, -34.5332, 63.1028</a>
Hunter-Lab	<a href="#">38.3340, 28.4298, 22.0054</a>

# Details

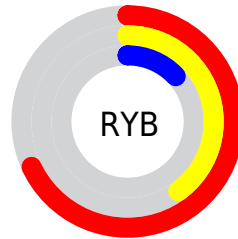
The Hex color **AE4F20** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **207FAE**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **EB8250**, and **731D00** is the 20% darker color. If you saturate the color by 10%, you get **AE430F**, and if you desaturate by 10%, it is **AE5B31**.

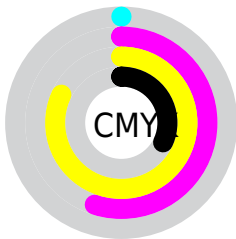
# Distribution



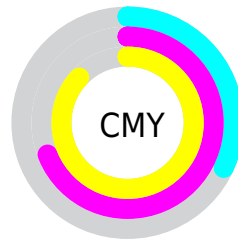
- Red (68%)
- Green (31%)
- Blue (13%)



- Red (68%)
- Yellow (40%)
- Blue (13%)



- Cyan (0%)
- Magenta (55%)
- Yellow (82%)
- Black (32%)



- Cyan (32%)
- Magenta (69%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE4F20 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 AE4F20 by changing the saturation by 10% instead.



 AE4F20

 AE4F20

FFFFFF

 903606

 EB8250

 731D00

 FF9D69

 560000

 FFB883

 3A0000

 FFD59D

 1D0001

 FFF1B9

 000000

 FFFFD5

 FFFFF1

 AE4F20

 AE4F20

■ AE430F

■ AE5B31

■ AE3A00

■ AE6643

■ AE7254

■ AE7E66

■ AE8977

■ AE9588

■ AEA09A

■ AEACAB

■ AEB8BD

# Harmonies

## Analogous

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



BF3B4C



AE4F20



8D6400

# Triad

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



AE4F20



00805A



4965C5

# Complementary

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



AE4F20



207FAE

# 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.



0075CA



AE4F20



00818C

# Square

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



AE4F20



1D7B2A



007EB5



954EA8

# Rectangle

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



AE4F20



716E00



007EB5



006BC9



# Sweetspot

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



AE4F20



E3BFAC



AE2081



735C51



F2F2F2



737373



# Same Dimension

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



AE4F20



E34E05



AE9420



57514E



963200



170800



# Inverse Universe

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



207FAE



0599E3



203AAE



4E5457



006596



000F17



# Previews

## White Background



This preview shows how the Hex color AE4F20 looks on a white background.

## Color Contrast Check

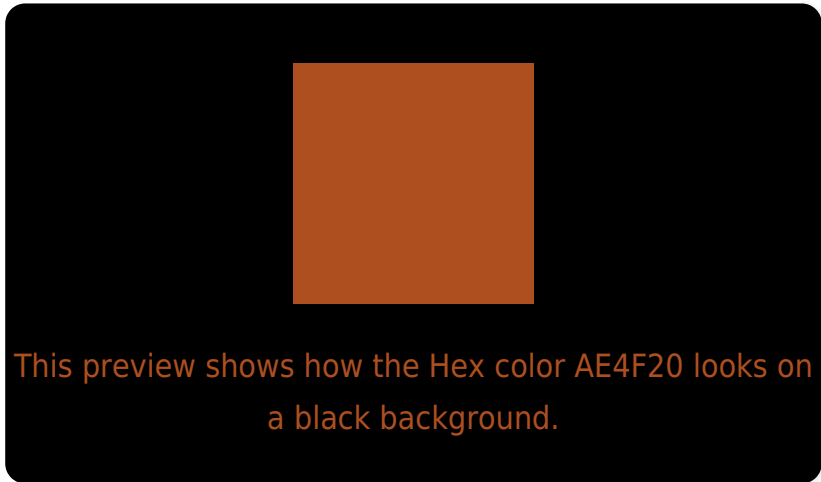
Large Text (above 18pt) WCAG AA ✓ Pass

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

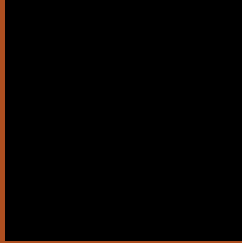
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AE4F20 Background



This preview shows how black text looks on a background with the Hex color AE4F20.



This preview shows how white text looks on a background with the Hex color AE4F20.

# 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**  
AE4F20

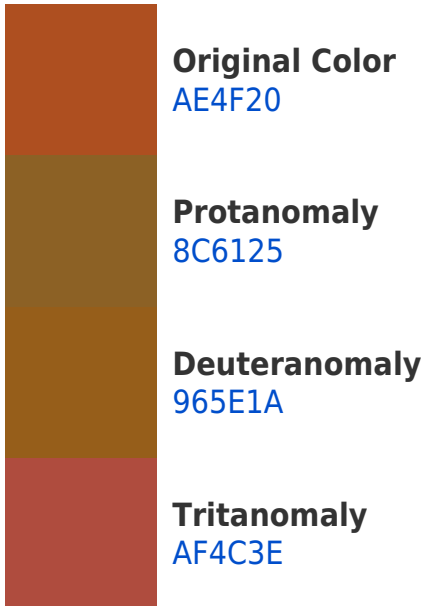
**Protanopia**  
786C28

**Deuteranopia**  
886617



**Tritanopia**  
B04A4F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE4F20 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 #AE4F20 looks like.

```
.text, #text, p{  
    color:#AE4F20  
}
```

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 #AE4F20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE4F20
}
```

## Border

The CSS property to change the border of an element to Hex AE4F20 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
#AE4F20 }
```

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

```
.border{ border-color:#AE4F20 }
```

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

Here you see how a box with a 4 pixel #AE4F20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE4F20; -webkit-box-shadow:4px 4px  
4px 4px #AE4F20; box-shadow:4px 4px 4px  
4px #AE4F20 }
```

# Background

The CSS property to change the background color of an element to Hex AE4F20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE4F20 }
```

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

```
.background{ background-color:#AE4F20 }
```

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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