

# Converting Colors

Hex(AD640F)

Have a look what the booklet for  
Hex(AD640F) contains.

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# Color

Hex(AD640F)

# Conversions

## Conversions Part 1

Format	Color
Hex	AD640F
RGB	173, 100, 15
RGB Percent	68%, 39%, 6%
CMY	0.3216, 0.6078, 0.9412
CMYK	0.00, 0.42, 0.91, 0.32
HSL	32°, 84%, 37%
HSV	32°, 91%, 68%
XYZ	21.8770, 18.0331, 2.7796
YIQ	112.1370, 70.7930, -10.9590

# Conversions

## Conversions Part 2

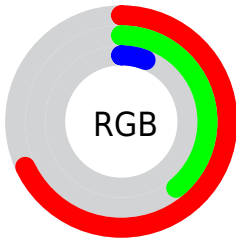
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 173, 15
Decimal	11363343
CIE <sub>Lab</sub>	49.54, 23.94, 54.10
CIE <sub>LCh</sub>	50, 59.163, 66.133
Yxy	18.0331, 0.5125, 0.4224
Android (android.graphics.Color)	4289553423 (0xFFAD640F)
YUV	112.1370, -47.8885, 53.3769
Hunter-Lab	42.4654, 17.6439, 25.8448

# Details

The Hex color **AD640F** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0F58AD**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **EA9746**, and **733400** is the 20% darker color. If you saturate the color by 10%, you get **AD5D00**, and if you desaturate by 10%, it is **AD6C20**.

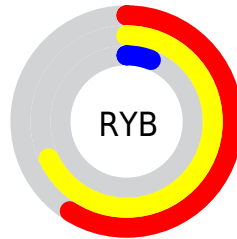
# Distribution



Red (68%)

Green (39%)

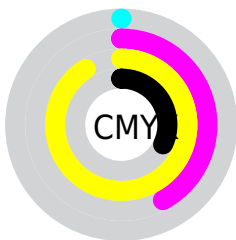
Blue (6%)



Red (59%)

Yellow (68%)

Blue (6%)

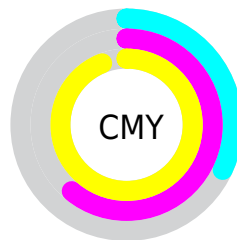


Cyan (0%)

Magenta (42%)

Yellow (91%)

Black (32%)



Cyan (32%)

Magenta (61%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AD640F 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 AD640F by changing the saturation by 10% instead.



 AD640F

 AD640F

FFFFFF

 8F4C00

 EA9746

 733400

 FF260

 561E00

 FFCE7A

 3A0800

 FFEA94

 240001

 FFFF80

 000000

 FFFFCC

 FFFF99

 AD640F

 AD640F

■ AD5D00

■ AD6C20

■ AD7432

■ AD7C43

■ AD8454

■ AD8C66

■ AD9477

■ AD9C88

■ ADA499

■ ADACAB

# Harmonies

## Analogous

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



C84E3D



AD640F



847700

# Triad

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



AD640F



008D7F



8364C8

# Complementary

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



AD640F



0F58AD

# 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.



0078DA



AD640F



008CB0

# Square

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



AD640F



008A4B



0086D2



BA4C9F

# Rectangle

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



AD640F



638004



0086D2



676BD1



# Sweetspot

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



AD640F



E0C4A4



AD0F59



70604C



F0F0F0



707070



# Same Dimension

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



AD640F



E07900



A8AD0F



57534E



965100



170C00



# Inverse Universe

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



0F58AD



0068E0



140FAD



4E5257



004696



000B17



# Previews

## White Background



This preview shows how the Hex color AD640F looks on a white background.

## Color Contrast Check

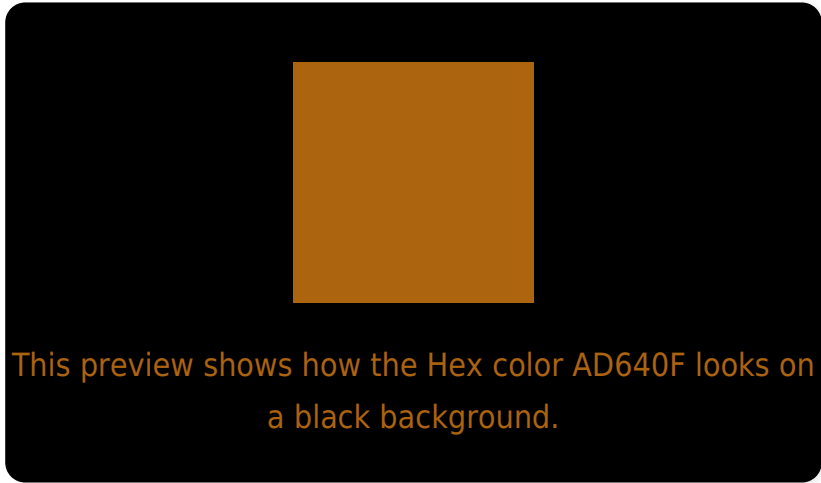
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AD640F Background



This preview shows how black text looks on a background with the Hex color AD640F.



This preview shows how white text looks on a background with the Hex color AD640F.

# 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**  
AD640F

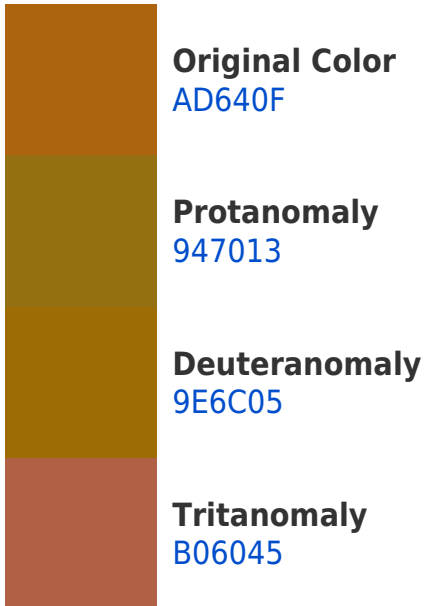
**Protanopia**  
857715

**Deuteranopia**  
967000



**Tritanopia**  
B15D64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AD640F 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 #AD640F looks like.

```
.text, #text, p{  
    color:#AD640F  
}
```

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 #AD640F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD640F
}
```

## Border

The CSS property to change the border of an element to Hex AD640F 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
#AD640F }
```

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

```
.border{ border-color:#AD640F }
```

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

Here you see how a box with a 4 pixel #AD640F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD640F; -webkit-box-shadow:4px 4px  
4px 4px #AD640F; box-shadow:4px 4px 4px  
4px #AD640F }
```

# Background

The CSS property to change the background color of an element to Hex AD640F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD640F }
```

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

```
.background{ background-color:#AD640F }
```

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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