

# Converting Colors

Hex(A75F00)

Have a look what the booklet for  
Hex(A75F00) contains.

<b>Hex(A75F00)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A75F00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A75F00
RGB	167, 95, 0
RGB Percent	65%, 37%, 0%
CMY	0.3451, 0.6275, 1.0000
CMYK	0.00, 0.43, 1.00, 0.35
HSL	34°, 100%, 33%
HSV	34°, 100%, 65%
XYZ	20.0286, 16.3999, 2.1099
YIQ	105.6980, 73.4070, -14.2810

# Conversions

## Conversions Part 2

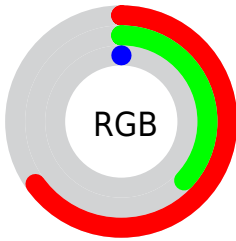
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 167, 0
Decimal	10968832
CIE <sub>Lab</sub>	47.49, 23.85, 55.75
CIE <sub>LCh</sub>	47, 60.642, 66.839
Yxy	16.3999, 0.5197, 0.4255
Android (android.graphics.Color)	4289158912 (0xFFA75F00)
YUV	105.6980, -52.1091, 53.7619
Hunter-Lab	40.4968, 17.4116, 25.2588

# Details

The Hex color **A75F00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0048A7**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **E4923D**, and **6D3000** is the 20% darker color. If you saturate the color by 10%, you get **A75F00**, and if you desaturate by 10%, it is **A76611**.

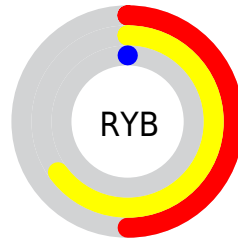
# Distribution



Red (65%)

Green (37%)

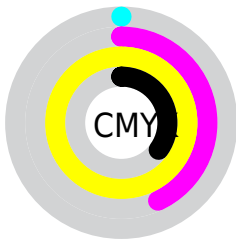
Blue (0%)



Red (50%)

Yellow (65%)

Blue (0%)

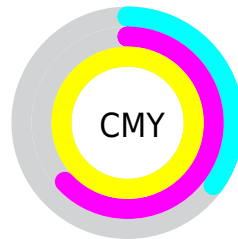


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (35%)



Cyan (35%)

Magenta (63%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A75F00 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 A75F00 by changing the saturation by 10% instead.



 A75F00

 A75F00

FFFFFFC

 894700

 E4923D

 6D3000

 FFAD57

 501A00

 FFC871

 350400

 FFE48C

 1A0001

 FFFFA7

 000000

 FFFFC3

 FFFFDF

 A75F00

 A76611

 A76D21

 A77532

 A77C43

 A78353

 A78A64

 A79175

 A79986

 A7A096

# Harmonies

## Analogous

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



C34736



A75F00



7D7200

# Triad

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



A75F00



00887B



805DC3

# Complementary

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



A75F00



0048A7

# 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.



0073D7



A75F00



0087AD

# Square

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



A75F00



008546



0081CF



B6449A

# Rectangle

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



A75F00



5B7B00



0081CF



6265CD



# Sweetspot

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



A75F00



D9BD98



A70048



6E5D46



EDEDED



6E6E6E



# Same Dimension

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



A75F00



D97B00



9CA700



54514C



945400



140C00



# Inverse Universe

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



0048A7



005DD9



0B00A7



4C4F54



004094

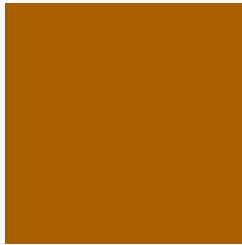


000914



# Previews

## White Background



This preview shows how the Hex color A75F00 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 A75F00 Background



This preview shows how black text looks on a background with the Hex color A75F00.



This preview shows how white text looks on a background with the Hex color A75F00.

# 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**  
A75F00

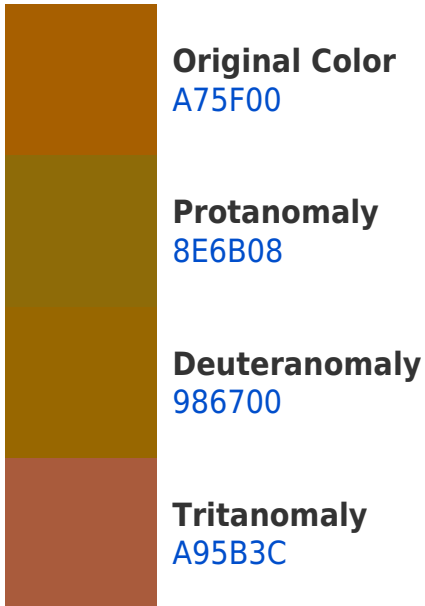
**Protanopia**  
80720D

**Deuteranopia**  
8F6B00

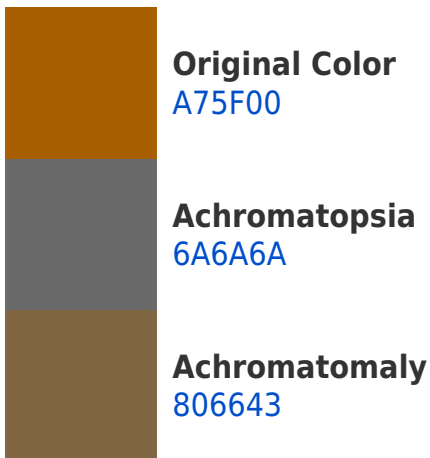


**Tritanopia**  
AA585F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A75F00 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 #A75F00 looks like.

```
.text, #text, p{  
    color:#A75F00  
}
```

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 #A75F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A75F00
}
```

## Border

The CSS property to change the border of an element to Hex A75F00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

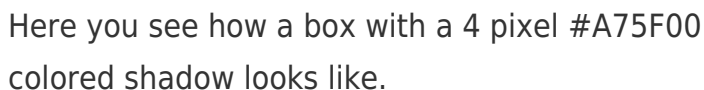
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A75F00 }
```

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

```
.border{ border-color:#A75F00 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #A75F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A75F00; -webkit-box-shadow:4px 4px  
4px 4px #A75F00; box-shadow:4px 4px 4px  
4px #A75F00 }
```

# Background

The CSS property to change the background color of an element to Hex A75F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A75F00 }
```

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

```
.background{ background-color:#A75F00 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor