

# Converting Colors

Hex(A66F06)

Have a look what the booklet for  
Hex(A66F06) contains.

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**Color**

**Hex(A66F06)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A66F06
RGB	166, 111, 6
RGB Percent	65%, 44%, 2%
CMY	0.3490, 0.5647, 0.9765
CMYK	0.00, 0.33, 0.96, 0.35
HSL	39°, 93%, 34%
HSV	39°, 96%, 65%
XYZ	21.4432, 19.4890, 2.8039
YIQ	115.4750, 66.4850, -20.9950

# Conversions

## Conversions Part 2

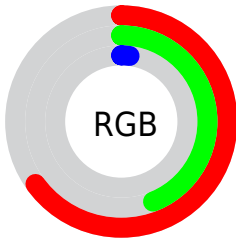
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 166, 6
Decimal	10907398
CIELab	51.25, 14.49, 56.90
CIELCh	51, 58.713, 75.709
Yxy	19.4890, 0.4903, 0.4456
Android (android.graphics.Color)	4289097478 (0xFFA66F06)
YUV	115.4750, -53.9712, 44.3104
Hunter-Lab	44.1464, 9.4466, 27.1368

# Details

The Hex color **A66F06** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **063DA6**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **E2A343**, and **6D3F00** is the 20% darker color. If you saturate the color by 10%, you get **A66D00**, and if you desaturate by 10%, it is **A67517**.

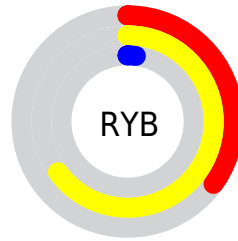
# Distribution



Red (65%)

Green (44%)

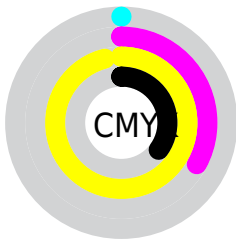
Blue (2%)



Red (35%)

Yellow (65%)

Blue (2%)

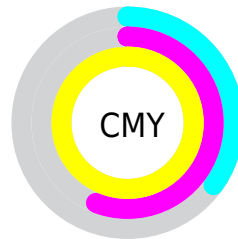


Cyan (0%)

Magenta (33%)

Yellow (96%)

Black (35%)



Cyan (35%)

Magenta (56%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A66F06 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 A66F06 by changing the saturation by 10% instead.



 A66F06

 A66F06

FFFFFF

 895700

 E2A343

 6D3F00

 FFBE5D

 512900

 FFD978

 361500

 FFF693

 1F0000

 FFFFAE

 000000

 FFFFCA

 FFFF7E

 A66F06

 A66F06

■ A66D00

■ A67517

■ A67A27

■ A68038

■ A68648

■ A68C59

■ A6916A

■ A6977A

■ A69D8B

■ A6A29B

# Harmonies

## Analogous

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



C65933



A66F06



7A8000

# Triad

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



A66F06



009194



9D60C1

# Complementary

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



A66F06



063DA6

# 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.



4377DB



A66F06



008FC1

# Square

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



A66F06



009060



0087DC



C84B94

# Rectangle

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



A66F06



55881E



0087DC



8768CC



# Sweetspot

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



A66F06



D9C39A



A6063E



6E6047



EDEDED



6E6E6E



# Same Dimension

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



A66F06



D98E00



8EA606



54514C



946100



140D00



# Inverse Universe

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



063DA6



004BD9



1E06A6



4C4F54



003394

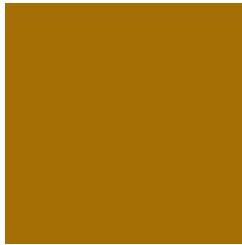


000714



# Previews

## White Background



This preview shows how the Hex color A66F06 looks on a white background.

## Color Contrast Check

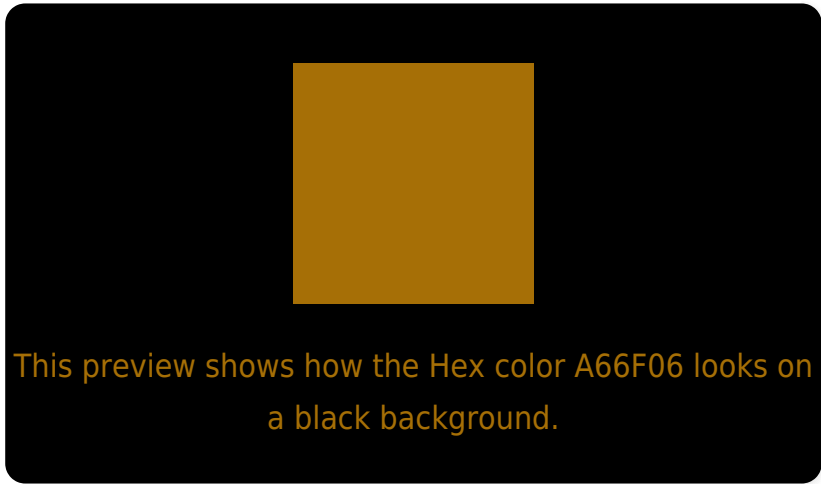
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 A66F06 Background



This preview shows how black text looks on a background with the Hex color A66F06.



This preview shows how white text looks on a background with the Hex color A66F06.

# 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**  
A66F06

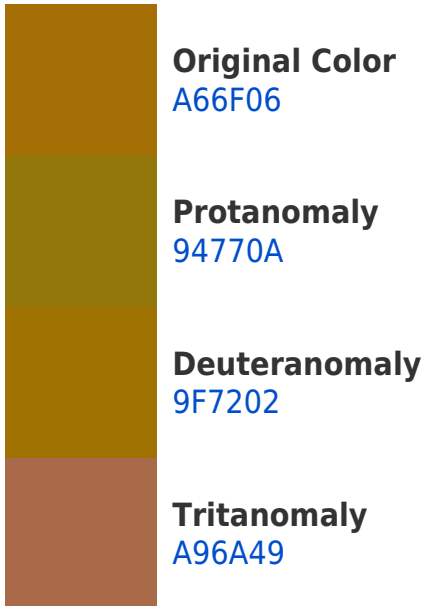
**Protanopia**  
8A7B0C

**Deuteranopia**  
9B7400

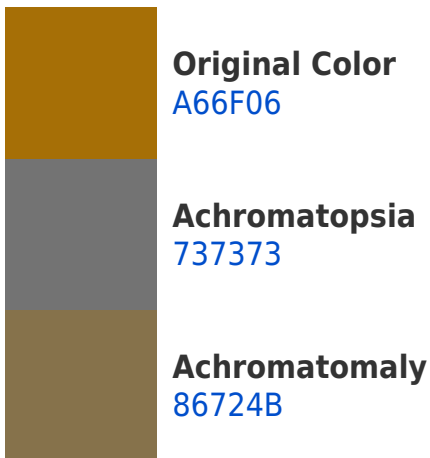


**Tritanopia**  
AB676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A66F06 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 #A66F06 looks like.

```
.text, #text, p{  
    color:#A66F06  
}
```

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 #A66F06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A66F06
}
```

## Border

The CSS property to change the border of an element to Hex A66F06 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
#A66F06 }
```

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

```
.border{ border-color:#A66F06 }
```

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

Here you see how a box with a 4 pixel #A66F06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A66F06; -webkit-box-shadow:4px 4px  
4px 4px #A66F06; box-shadow:4px 4px 4px  
4px #A66F06 }
```

# Background

The CSS property to change the background color of an element to Hex A66F06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A66F06 }
```

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

```
.background{ background-color:#A66F06 }
```

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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