

# Converting Colors

Hex(A66516)

Have a look what the booklet for  
Hex(A66516) contains.

<b>Hex(A66516)</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(A66516)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A66516
RGB	166, 101, 22
RGB Percent	65%, 40%, 9%
CMY	0.3490, 0.6039, 0.9137
CMYK	0.00, 0.39, 0.87, 0.35
HSL	33°, 77%, 37%
HSV	33°, 87%, 65%
XYZ	20.5244, 17.4723, 3.0498
YIQ	111.4290, 64.0990, -10.7890

# Conversions

## Conversions Part 2

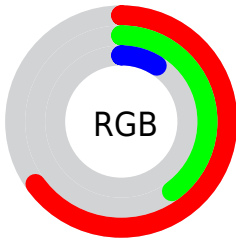
Format	Color
<a href="#">RYB</a>	<a href="#">140, 166, 22</a>
Decimal	<a href="#">10904854</a>
CIELab	<a href="#">48.85, 20.45, 51.07</a>
CIElCh	<a href="#">49, 55.012, 68.180</a>
Yxy	<a href="#">17.4723, 0.5000, 0.4257</a>
Android (android.graphics.Color)	<a href="#">4289094934 (0xFFA66516)</a>
YUV	<a href="#">111.4290, -44.0885, 47.8588</a>
Hunter-Lab	<a href="#">41.7999, 14.4965, 24.9340</a>

# Details

The Hex color **A66516** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1657A6**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **E2984A**, and **6D3600** is the 20% darker color. If you saturate the color by 10%, you get **A65E05**, and if you desaturate by 10%, it is **A66C27**.

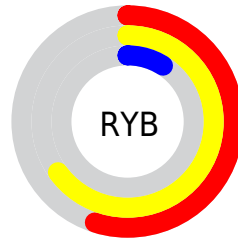
# Distribution



Red (65%)

Green (40%)

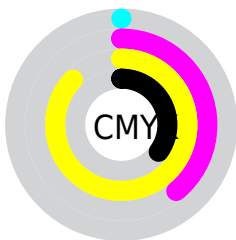
Blue (9%)



Red (55%)

Yellow (65%)

Blue (9%)

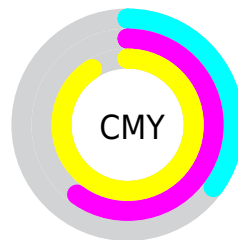


Cyan (0%)

Magenta (39%)

Yellow (87%)

Black (35%)



Cyan (35%)

Magenta (60%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A66516 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 A66516 by changing the saturation by 10% instead.



 A66516

 A66516

FFFFFF

 894D00

 E2984A

 6D3600

 FF364

 502000

 FFCF7E

 350A00

 FFE899

 1D0001

 FFFF84

 000000

 FFFF00

 FFFF00

 A66516

 A66516

■ A65E05

■ A66C27

■ A65B00

■ A67437

■ A67B48

■ A68358

■ A68A69

■ A6927A

■ A6998A

■ A6A19B

■ A6A8AB

# Harmonies

## Analogous

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



C0513D



A66516



7F7600

# Triad

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



A66516



008A80



8662BE

# Complementary

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



A66516



1657A6

# 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.



0D75D1



A66516



0088AD

# Square

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



A66516



00874F



0082CA



B54D98

# Rectangle

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



A66516



607E16



0082CA



6E69C7



# Sweetspot

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



A66516



D9BFA0



A61659



6E5E4C



EDEDED



6E6E6E



# Same Dimension

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



A66516



D97700



A1A616



54504C



945100



140B00



# Inverse Universe

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



1657A6



0062D9



1B16A6



4C5054



004394



000914



# Previews

## White Background



This preview shows how the Hex color A66516 looks on a white background.

## Color Contrast Check

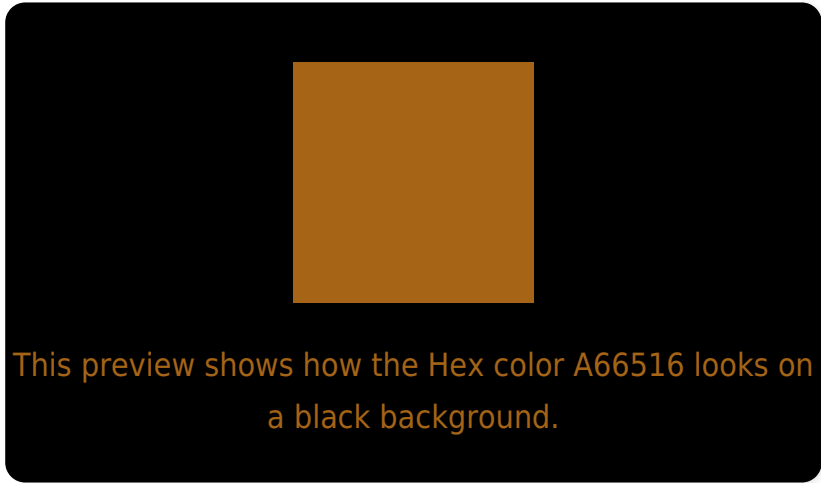
Large Text (above 18pt) WCAG AA ✓ Pass

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 A66516 Background



This preview shows how black text looks on a background with the Hex color A66516.



This preview shows how white text looks on a background with the Hex color A66516.

# 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**  
A66516

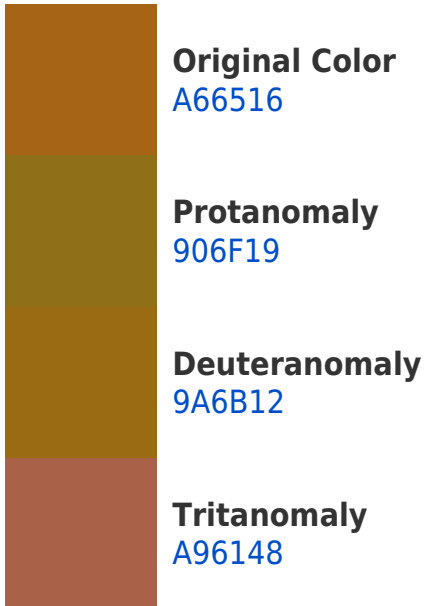
**Protanopia**  
83751A

**Deuteranopia**  
936F0F

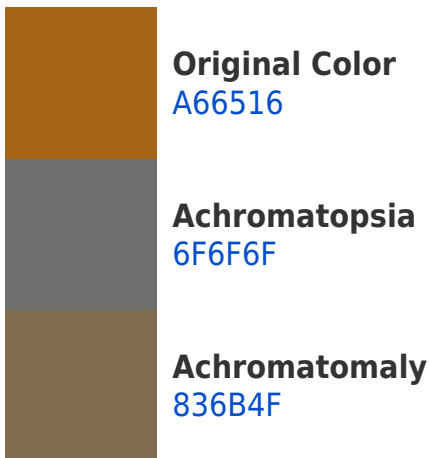


**Tritanopia**  
AA5E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A66516 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 #A66516 looks like.

```
.text, #text, p{  
    color:#A66516  
}
```

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 #A66516 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A66516
}
```

## Border

The CSS property to change the border of an element to Hex A66516 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
#A66516 }
```

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

```
.border{ border-color:#A66516 }
```

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

Here you see how a box with a 4 pixel #A66516 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A66516; -webkit-box-shadow:4px 4px  
4px 4px #A66516; box-shadow:4px 4px 4px  
4px #A66516 }
```

# Background

The CSS property to change the background color of an element to Hex A66516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A66516 }
```

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

```
.background{ background-color:#A66516 }
```

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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