

# Converting Colors

Hex(A66C24)

Have a look what the booklet for  
Hex(A66C24) contains.

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**Color**

**Hex(A66C24)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A66C24
RGB	166, 108, 36
RGB Percent	65%, 42%, 14%
CMY	0.3490, 0.5765, 0.8588
CMYK	0.00, 0.35, 0.78, 0.35
HSL	33°, 64%, 40%
HSV	33°, 78%, 65%
XYZ	21.4069, 18.9595, 4.2003
YIQ	117.1340, 57.6800, -10.0960

# Conversions

## Conversions Part 2

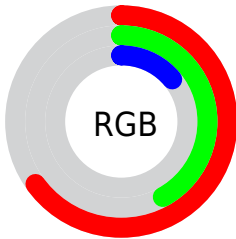
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 166, 36
Decimal	10906660
CIELab	50.64, 16.97, 47.32
CIELCh	51, 50.269, 70.270
Yxy	18.9595, 0.4803, 0.4254
Android (android.graphics.Color)	4289096740 (0xFFA66C24)
YUV	117.1340, -39.9991, 42.8555
Hunter-Lab	43.5425, 11.5569, 24.7603

# Details

The Hex color **A66C24** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **245EA6**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **E1A056**, and **6D3C00** is the 20% darker color. If you saturate the color by 10%, you get **A66513**, and if you desaturate by 10%, it is **A67335**.

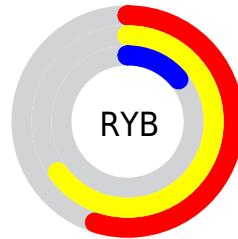
# Distribution



Red (65%)

Green (42%)

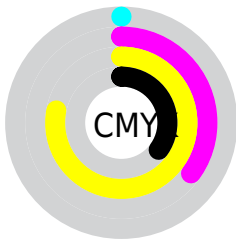
Blue (14%)



Red (55%)

Yellow (65%)

Blue (14%)

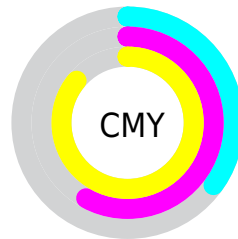


Cyan (0%)

Magenta (35%)

Yellow (78%)

Black (35%)



Cyan (35%)

Magenta (58%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A66C24 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 A66C24 by changing the saturation by 10% instead.



 A66C24

 A66C24

FFFFFF

 895407

 E1A056

 6D3C00

 FFBA70

 522600

 FFD68A

 371200

 FFF3A5

 200000

 FFFFC0

 000000

 FFFFDD

 FFFFFA

 A66C24

 A66C24

 A66513

 A67335

 A65D03

 A67B45

 A65C00

 A68256

 A68A66

 A69177

 A69888

 A6A098

 A6A7A9

 A6AFB9

# Harmonies

## Analogous

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



BF5B43



A66C24



817B1B

# Triad

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



A66C24



008D87



8E67BA

# Complementary

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



A66C24



245EA6

# 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.



3E78CD



A66C24



008BAF

# Square

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



A66C24



008B5A



0085C9



B75696

# Rectangle

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



A66C24



648328



0085C9



796DC3



# Sweetspot

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



A66C24



D9C3A7



A6245E



6E604F



EDEDED



6E6E6E



# Same Dimension

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



A66C24



D97E0D



A0A624



54504C



945200



140B00



# Inverse Universe

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



245EA6



0D68D9



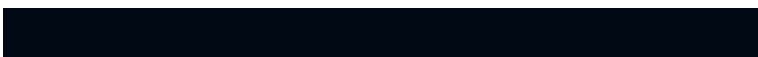
2B24A6



4C4F54



004294



000914



# Previews

## White Background



This preview shows how the Hex color A66C24 looks on a white background.

## Color Contrast Check

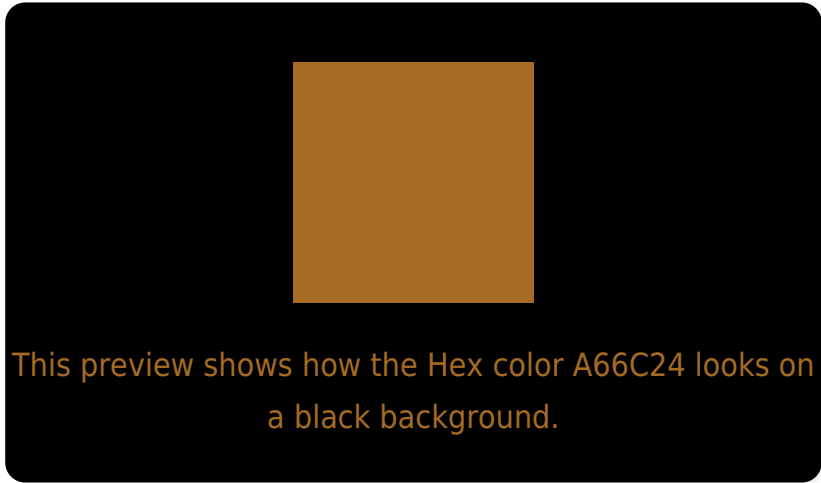
Large Text (above 18pt) WCAG AA ✓ Pass

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 A66C24 Background



This preview shows how black text looks on a background with the Hex color A66C24.



This preview shows how white text looks on a background with the Hex color A66C24.

# 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



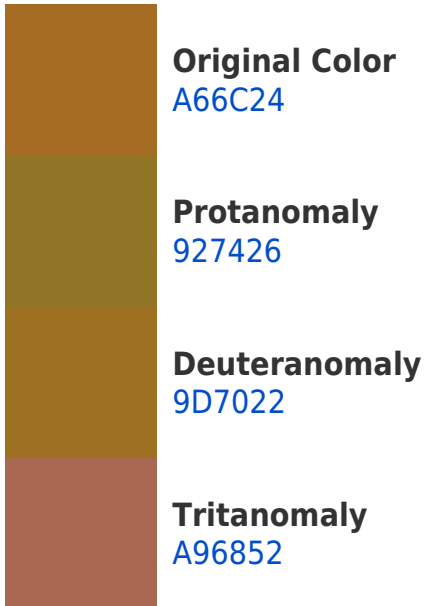
**Original Color**  
A66C24

**Protanopia**  
877927

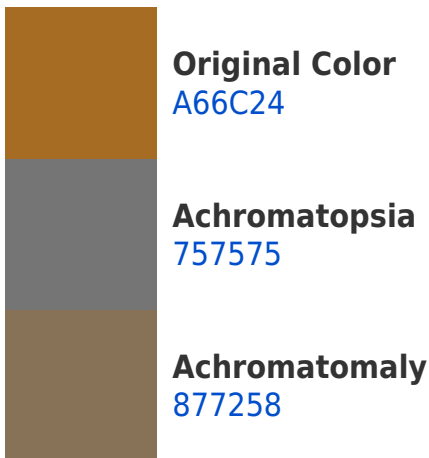
**Deuteranopia**  
987321



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A66C24 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 #A66C24 looks like.

```
.text, #text, p{  
    color:#A66C24  
}
```

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 #A66C24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A66C24
}
```

## Border

The CSS property to change the border of an element to Hex A66C24 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
#A66C24 }
```

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

```
.border{ border-color:#A66C24 }
```

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

Here you see how a box with a 4 pixel #A66C24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A66C24; -webkit-box-shadow:4px 4px  
4px 4px #A66C24; box-shadow:4px 4px 4px  
4px #A66C24 }
```

# Background

The CSS property to change the background color of an element to Hex A66C24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A66C24 }
```

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

```
.background{ background-color:#A66C24 }
```

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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