

# Converting Colors

Hex(966916)

Have a look what the booklet for  
Hex(966916) contains.

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**Color**

**Hex(966916)**

# Conversions

## Conversions Part 1

Format	Color
Hex	966916
RGB	150, 105, 22
RGB Percent	59%, 41%, 9%
CMY	0.4118, 0.5882, 0.9137
CMYK	0.00, 0.30, 0.85, 0.41
HSL	39°, 74%, 34%
HSV	39°, 85%, 59%
XYZ	17.7741, 16.6451, 3.0351
YIQ	108.9930, 53.4630, -16.2730

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 150, 22
Decimal	9857302
CIE <sub>Lab</sub>	47.81, 10.88, 49.38
CIE <sub>LCh</sub>	48, 50.561, 77.569
Yxy	16.6451, 0.4746, 0.4444
Android (android.graphics.Color)	4288047382 (0xFF966916)
YUV	108.9930, -42.8875, 35.9631
Hunter-Lab	40.7984, 6.3673, 24.1482

# Details

The Hex color **966916** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **164396**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **D09C4A**, and **5F3A00** is the 20% darker color. If you saturate the color by 10%, you get **966407**, and if you desaturate by 10%, it is **966E25**.

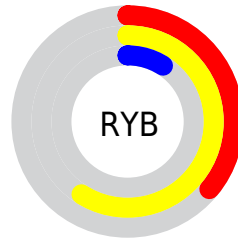
# Distribution



Red (59%)

Green (41%)

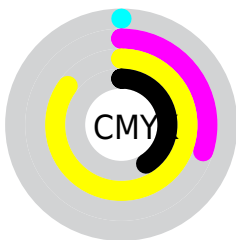
Blue (9%)



Red (36%)

Yellow (59%)

Blue (9%)

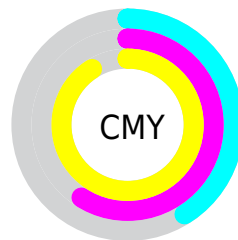


Cyan (0%)

Magenta (30%)

Yellow (85%)

Black (41%)



Cyan (41%)

Magenta (59%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 966916 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 966916 by changing the saturation by 10% instead.



 966916

 966916

FFFFFF

 7A5100

 D09C4A

 5F3A00

 EEB764

 432500

 FFD27E

 2A1100

 FFEF99

 040000

 FFFFB4

 000000

 FFFFDD

 FFFFED

 966916

 966916

■ 966407

■ 966E25

■ 966100

■ 967434

■ 967943

■ 967E52

■ 968361

■ 968970

■ 968E7F

■ 96938E

■ 96989D

# Harmonies

## Analogous

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



B25834



966916



6F7715

# Triad

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



966916



00868A



935BAB

# Complementary

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



966916



164396

# 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.



4F6DC3



966916



0083B0

# Square

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



966916



00855E



007BC5



B64B85

# Rectangle

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



966916



507E28



007BC5



8161B5



# Sweetspot

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



966916



C2B08F



961645



615643



E0E0E0



616161



# Same Dimension

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



966916



C27E00



859616



4A4743



8A5900



0A0700



# Inverse Universe

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



164396



0044C2



271696



43454A



00308A

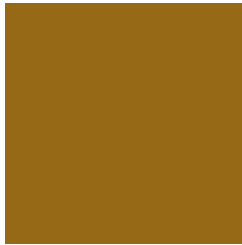


00040A



# Previews

## White Background



This preview shows how the Hex color 966916 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

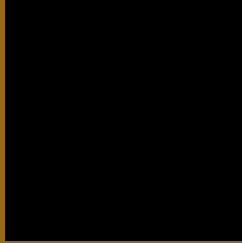
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 966916 Background



This preview shows how black text looks on a background with the Hex color 966916.



This preview shows how white text looks on a background with the Hex color 966916.

# 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**  
966916

**Protanopia**  
807218

**Deuteranopia**  
906C14

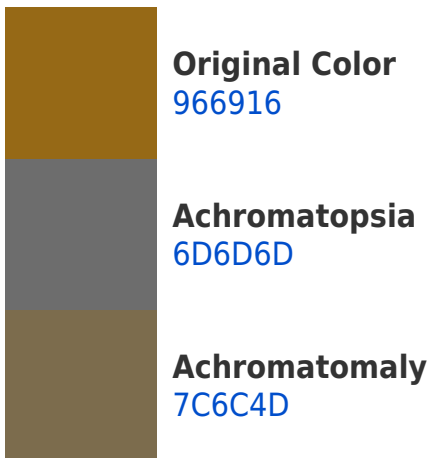


**Tritanopia**  
9B6269

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 966916 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 #966916 looks like.

```
.text, #text, p{  
    color:#966916  
}
```

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 #966916 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #966916
}
```

## Border

The CSS property to change the border of an element to Hex 966916 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
#966916 }
```

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

```
.border{ border-color:#966916 }
```

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

Here you see how a box with a 4 pixel #966916 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #966916; -webkit-box-shadow:4px 4px  
4px 4px #966916; box-shadow:4px 4px 4px  
4px #966916 }
```

# Background

The CSS property to change the background color of an element to Hex 966916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#966916 }
```

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

```
.background{ background-color:#966916 }
```

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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