

Converting Colors

Hex(966C00)

Have a look what the booklet for
Hex(966C00) contains.

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Color

Hex(966C00)

Conversions

Conversions Part 1

Format	Color
Hex	966C00
RGB	150, 108, 0
RGB Percent	59%, 42%, 0%
CMY	0.4118, 0.5765, 1.0000
CMYK	0.00, 0.28, 1.00, 0.41
HSL	43°, 100%, 29%
HSV	43°, 100%, 59%
XYZ	17.9402, 17.2092, 2.3761
YIQ	108.2460, 59.7000, -24.6840

Conversions

Conversions Part 2

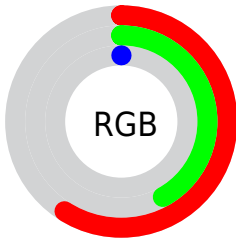
Format	Color
RYB	58, 150, 0
Decimal	9858048
CIELab	48.52, 8.70, 55.36
CIElCh	49, 56.035, 81.069
Yxy	17.2092, 0.4781, 0.4586
Android (android.graphics.Color)	4288048128 (0xFF966C00)
YUV	108.2460, -53.3653, 36.6183
Hunter-Lab	41.4839, 4.5977, 25.6427

Details

The Hex color **966C00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **002A96**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **D19F3F**, and **5E3D00** is the 20% darker color. If you saturate the color by 10%, you get **966C00**, and if you desaturate by 10%, it is **96700F**.

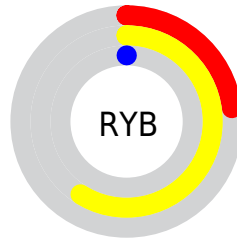
Distribution



Red (59%)

Green (42%)

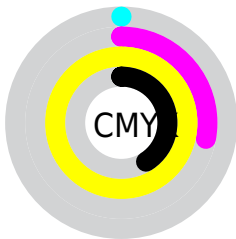
Blue (0%)



Red (23%)

Yellow (59%)

Blue (0%)

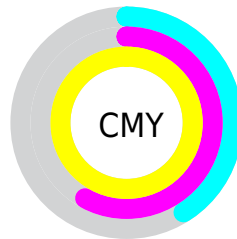


Cyan (0%)

Magenta (28%)

Yellow (100%)

Black (41%)



Cyan (41%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 966C00 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 966C00 by changing the saturation by 10% instead.

 966C00

 966C00

FFFFFF

 7A5400

 D19F3F

 5E3D00

 EFBA59

 432700

 FFD673

 291300

 FFF28E

 060000

 FFFFA9

 000000

 FFFFC5

 FFFFE2

 966C00

 96700F

 96741E

 96792D

 967D3C

 96814B

 96855A

 968969

 968E78

 969287

Harmonies

Analogous

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



B75829



966C00



6A7B05

Triad

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



966C00



008994



9E57AF

Complementary

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



966C00



002A96

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.



566DCC



966C00



0086BC

Square

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



966C00



008863



007DD1



C14584

Rectangle

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



966C00



458125



007DD1



8B5EBB

Sweetspot

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



966C00



C2B288



96002A



61573E



E0E0E0



616161

Same Dimension

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



966C00



C28C00



769600



4A4843



8A6300



0A0700

Inverse Universe

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



002A96



0036C2



210096



43454A



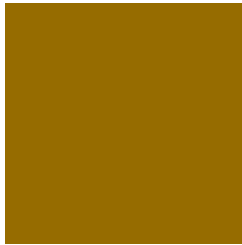
00278A



00030A

Previews

White Background



This preview shows how the Hex color 966C00 looks on a white background.

Color Contrast Check

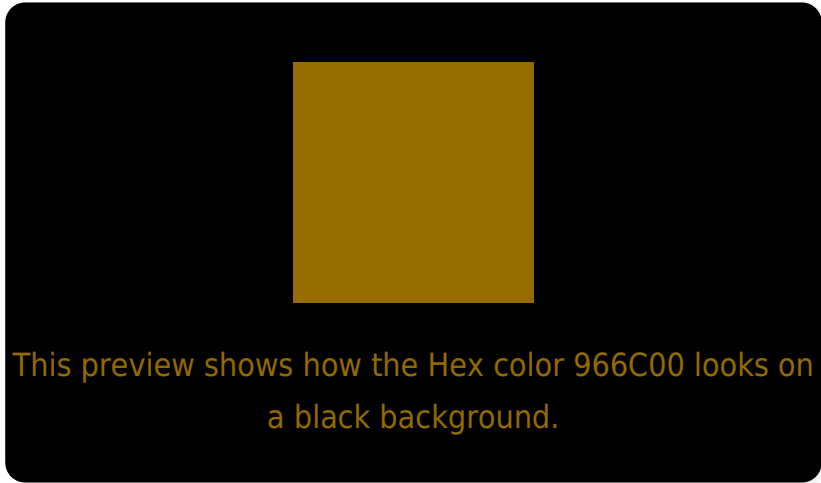
Large Text (above 18pt) WCAG AA ✓ Pass

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 966C00 Background



This preview shows how black text looks on a background with the Hex color 966C00.



This preview shows how white text looks on a background with the Hex color 966C00.

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
966C00

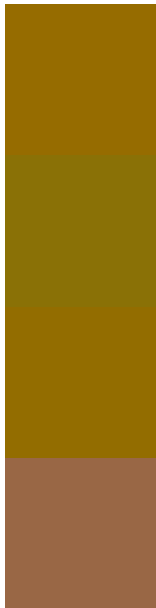
Protanopia
837409

Deuteranopia
926E00



Tritanopia
9B646C

Trichromacy



Original Color
966C00

Protanomaly
8A7106

Deuteranomaly
936D00

Tritanomaly
996745

Monochromacy



Original Color
966C00

Achromatopsia
6C6C6C

Achromatomaly
7B6C45

CSS Examples

Text

The CSS property to change the color of the text to Hex 966C00 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 #966C00 looks like.

```
.text, #text, p{  
    color:#966C00  
}
```

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 #966C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #966C00
}
```

Border

The CSS property to change the border of an element to Hex 966C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

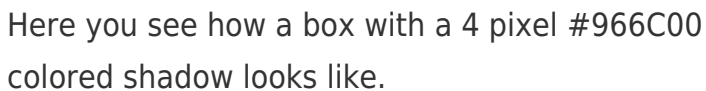
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#966C00 }
```

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

```
.border{ border-color:#966C00 }
```

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

A rectangular box with a 4px #966C00 colored shadow. The box is white with a thin black border and a thick #966C00 shadow on the right and bottom sides. The text inside the box reads: "Here you see how a box with a 4 pixel #966C00 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #966C00; -webkit-box-shadow:4px 4px  
4px 4px #966C00; box-shadow:4px 4px 4px  
4px #966C00 }
```

Background

The CSS property to change the background color of an element to Hex 966C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#966C00 }
```

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

```
.background{ background-color:#966C00 }
```

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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