

Converting Colors

Hex(966E00)

Have a look what the booklet for
Hex(966E00) contains.

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Color

Hex(966E00)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 966E00 |
| RGB | 150, 110, 0 |
| RGB Percent | 59%, 43%, 0% |
| CMY | 0.4118, 0.5686, 1.0000 |
| CMYK | 0.00, 0.27, 1.00, 0.41 |
| HSL | 44°, 100%, 29% |
| HSV | 44°, 100%, 59% |
| XYZ | 18.1536, 17.6359, 2.4473 |
| YIQ | 109.4200, 59.1500, -25.7300 |

Conversions

Conversions Part 2

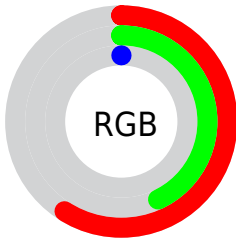
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 55, 150, 0 |
| Decimal | 9858560 |
| CIE Lab | 49.05, 7.55, 55.72 |
| CIE LCh | 49, 56.225, 82.281 |
| Yxy | 17.6359, 0.4748, 0.4612 |
| Android (android.graphics.Color) | 4288048640 (0xFF966E00) |
| YUV | 109.4200, -53.9441, 35.5887 |
| Hunter-Lab | 41.9951, 3.6704, 25.9414 |

Details

The Hex color **966E00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **002896**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **D0A13F**, and **5E3F00** is the 20% darker color. If you saturate the color by 10%, you get **966E00**, and if you desaturate by 10%, it is **96720F**.

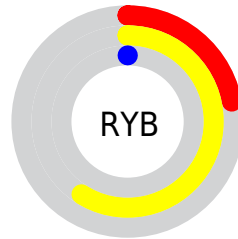
Distribution



Red (59%)

Green (43%)

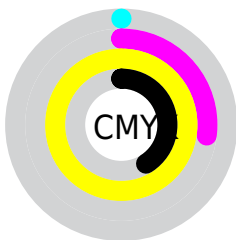
Blue (0%)



Red (22%)

Yellow (59%)

Blue (0%)

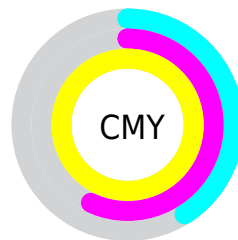


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (41%)



Cyan (41%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 966E00 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 966E00 by changing the saturation by 10% instead.

 966E00

 966E00

FFFFFF

 7A5600

 D0A13F

 5E3F00

 EEBC59

 432900

 FFD874

 291500

 FFF48F

 090000

 FFFFAA

 000000

 FFFFC6

 FFFFEE3

 966E00

 96720F

 96761E

 967A2D

 967E3C

 96824B

 96865A

 968A69

 968E78

 969287

Harmonies

Analogous

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



B85A29



966E00



697D09

Triad

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



966E00



008B97



A257AF

Complementary

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



966E00



002896

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.



5B6DCD



966E00



0087BF

Square

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



966E00



008A66



007ED3



C34683

Rectangle

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



966E00



438327



007ED3



8F5FBC

Sweetspot

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



966E00



C2B288



960028



61583E



E0E0E0



616161

Same Dimension

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



966E00



C28E00



739600



4A4843



8A6500



0A0700

Inverse Universe

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



002896



0034C2



230096



43454A



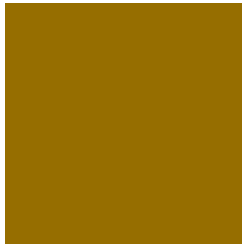
00258A



00030A

Previews

White Background



This preview shows how the Hex color 966E00 looks on a white background.

Color Contrast Check

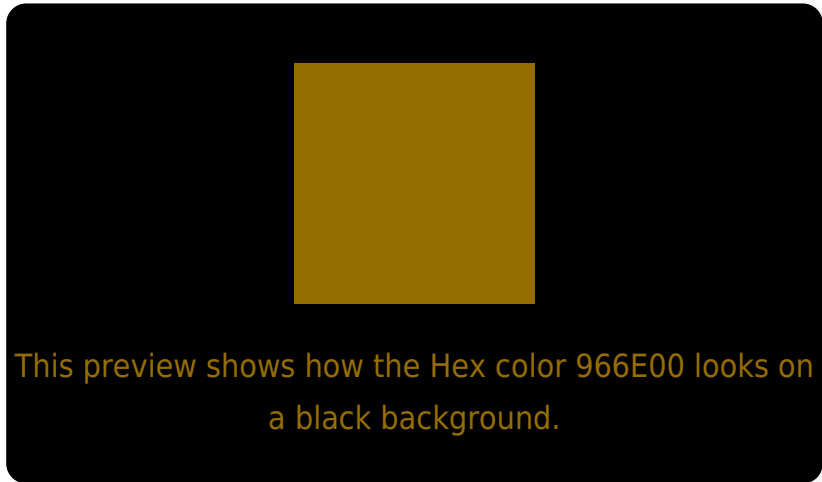
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 966E00 Background



This preview shows how black text looks on a background with the Hex color 966E00.



This preview shows how white text looks on a background with the Hex color 966E00.

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
966E00

Protanopia
847509

Deuteranopia
946F00

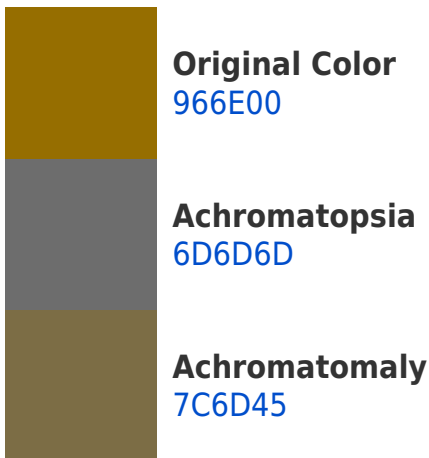


Tritanopia
9B666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 966E00 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 #966E00 looks like.

```
.text, #text, p{  
    color:#966E00  
}
```

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 #966E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #966E00
}
```

Border

The CSS property to change the border of an element to Hex 966E00 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
#966E00 }
```

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

```
.border{ border-color:#966E00 }
```

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

Here you see how a box with a 4 pixel #966E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #966E00; -webkit-box-shadow:4px 4px  
4px 4px #966E00; box-shadow:4px 4px 4px  
4px #966E00 }
```

Background

The CSS property to change the background color of an element to Hex 966E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#966E00 }
```

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

```
.background{ background-color:#966E00 }
```

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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