

Converting Colors

Hex(966D1F)

Have a look what the booklet for
Hex(966D1F) contains.

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Color

Hex(966D1F)

Conversions

Conversions Part 1

Format	Color
Hex	966D1F
RGB	150, 109, 31
RGB Percent	59%, 43%, 12%
CMY	0.4118, 0.5725, 0.8784
CMYK	0.00, 0.27, 0.79, 0.41
HSL	39°, 66%, 35%
HSV	39°, 79%, 59%
XYZ	18.2936, 17.5202, 3.7139
YIQ	112.3670, 49.4740, -15.5660

Conversions

Conversions Part 2

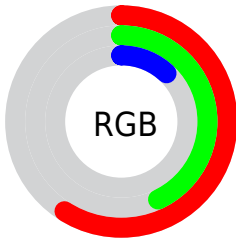
Format	Color
R_{YB}	94, 150, 31
Decimal	9858335
CIE _{Lab}	48.91, 8.90, 47.05
CIE _{LCh}	49, 47.886, 79.283
Yxy	17.5202, 0.4628, 0.4432
Android (android.graphics.Color)	4288048415 (0xFF966D1F)
YUV	112.3670, -40.1139, 33.0041
Hunter-Lab	41.8572, 4.7632, 24.0394

Details

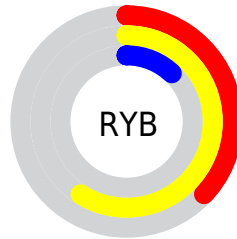
The Hex color **966D1F** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1F4896**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **D0A052**, and **5F3E00** is the 20% darker color. If you saturate the color by 10%, you get **966810**, and if you desaturate by 10%, it is **96722E**.

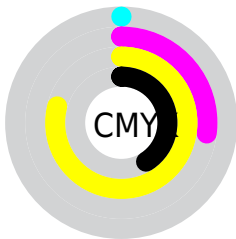
Distribution



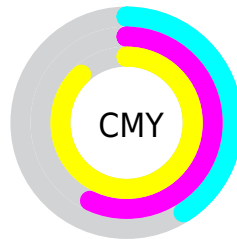
- Red (59%)
- Green (43%)
- Blue (12%)



- Red (37%)
- Yellow (59%)
- Blue (12%)



- Cyan (0%)
- Magenta (27%)
- Yellow (79%)
- Black (41%)



- Cyan (41%)
- Magenta (57%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 966D1F 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 966D1F by changing the saturation by 10% instead.

 966D1F

 966D1F

FFFFFF

 7A5501

 D0A052

 5F3E00

 EDBB6B

 442800

 FFD785

 2A1400

 FFF3A0

 0B0000

 FFFFBC

 000000

 FFFFD8

 FFFFF5

 966D1F

 966D1F

■ 966810

■ 96722E

■ 966301

■ 96773D

■ 966200

■ 967D4C

■ 96825B

■ 96876A

■ 968C79

■ 969188

■ 969697

■ 969CA6

Harmonies

Analogous

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



B25D38



966D1F



717A20

Triad

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



966D1F



00888E



975EAA

Complementary

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



966D1F



1F4896

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.



5B6FC1



966D1F



0085B1

Square

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



966D1F



008764



007DC4



B75185

Rectangle

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



966D1F



528031



007DC4



8764B3

Sweetspot

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



966D1F



C2B293



961F49



615745



E0E0E0



616161

Same Dimension

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



966D1F



C2820A



84961F



4A4743



8A5A00



0A0700

Inverse Universe

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



1F4896



0A49C2



311F96



43454A



002F8A



00040A

Previews

White Background



This preview shows how the Hex color 966D1F looks on a white background.

Color Contrast Check

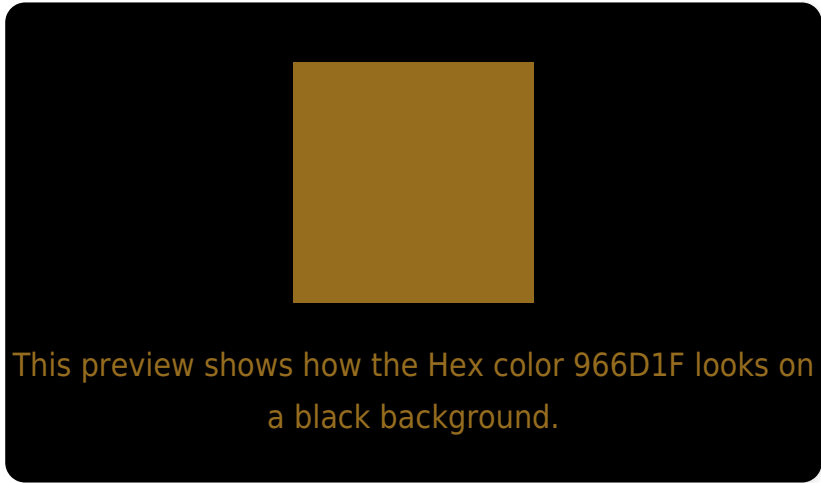
Large Text (above 18pt) WCAG AA ✓ Pass

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 966D1F Background



This preview shows how black text looks on a background with the Hex color 966D1F.



This preview shows how white text looks on a background with the Hex color 966D1F.

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
966D1F

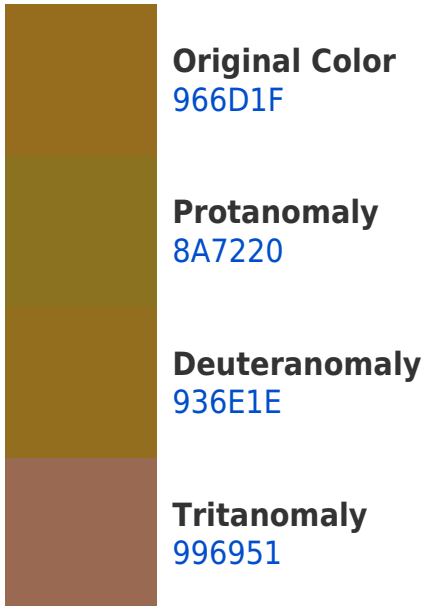
Protanopia
837521

Deuteranopia
926F1E

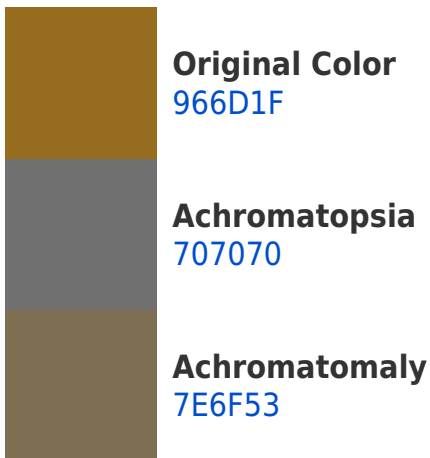


Tritanopia
9B666D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 966D1F 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 #966D1F looks like.

```
.text, #text, p{  
    color:#966D1F  
}
```

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 #966D1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #966D1F
}
```

Border

The CSS property to change the border of an element to Hex 966D1F 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
#966D1F }
```

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

```
.border{ border-color:#966D1F }
```

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

Here you see how a box with a 4 pixel #966D1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #966D1F; -webkit-box-shadow:4px 4px  
4px 4px #966D1F; box-shadow:4px 4px 4px  
4px #966D1F }
```

Background

The CSS property to change the background color of an element to Hex 966D1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#966D1F }
```

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

```
.background{ background-color:#966D1F }
```

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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