

Converting Colors

Hex(96800D)

Have a look what the booklet for
Hex(96800D) contains.

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Color

Hex(96800D)

Conversions

Conversions Part 1

Format	Color
Hex	96800D
RGB	150, 128, 13
RGB Percent	59%, 50%, 5%
CMY	0.4118, 0.4980, 0.9490
CMYK	0.00, 0.15, 0.91, 0.41
HSL	50°, 84%, 32%
HSV	50°, 91%, 59%
XYZ	20.3695, 21.9514, 3.5442
YIQ	121.4680, 50.0270, -31.1010

Conversions

Conversions Part 2

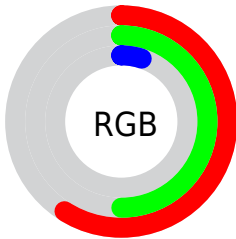
Format	Color
RYB	39, 150, 13
Decimal	9863181
CIELab	53.98, -2.40, 56.79
CIELCh	54, 56.840, 92.423
Yxy	21.9514, 0.4441, 0.4786
Android (android.graphics.Color)	4288053261 (0xFF96800D)
YUV	121.4680, -53.4747, 25.0226
Hunter-Lab	46.8524, -4.3871, 28.3115

Details

The Hex color **96800D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **0D2396**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **D0B449**, and **5F4F00** is the 20% darker color. If you saturate the color by 10%, you get **967E00**, and if you desaturate by 10%, it is **96821C**.

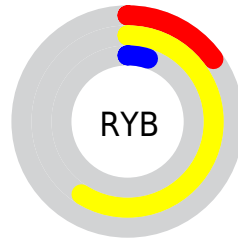
Distribution



Red (59%)

Green (50%)

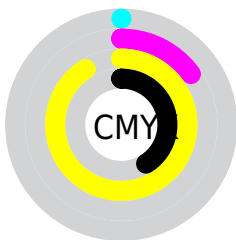
Blue (5%)



Red (15%)

Yellow (59%)

Blue (5%)

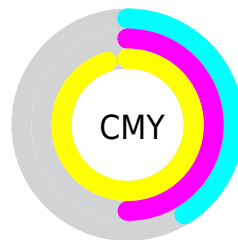


Cyan (0%)

Magenta (15%)

Yellow (91%)

Black (41%)



Cyan (41%)

Magenta (50%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96800D 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 96800D by changing the saturation by 10% instead.

 96800D

 96800D

FFFFFF

 7A6700

 D0B449

 5F4F00

 EDD063

 443900

 FFEC7E

 2B2400

 FFFF99

 0F0F00

 FFFFB5

 000000

 FFFFD1

 FFFFEE

 96800D

 96800D

■ 967E00

■ 96821C

■ 96852B

■ 96873A

■ 968A49

■ 968C58

■ 968E67

■ 969176

■ 969385

■ 969694

Harmonies

Analogous

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



BD6D27



96800D



648D25

Triad

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



96800D



0097B4



BF5DAF

Complementary

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



96800D



0D2396

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.



8672D4



96800D



0092D8

Square

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



96800D



009884



0085E3



D8517F

Rectangle

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



96800D



359342



0085E3



B063BD

Sweetspot

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



96800D



C2B98D



960D24



615C42



E0E0E0



616161

Same Dimension

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



96800D



C2A300



68960D



4A4943



8A7400



0A0900

Inverse Universe

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



0D2396



001FC2



3B0D96



43444A



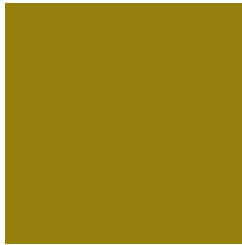
00168A



00020A

Previews

White Background



This preview shows how the Hex color 96800D looks on a white background.

Color Contrast Check

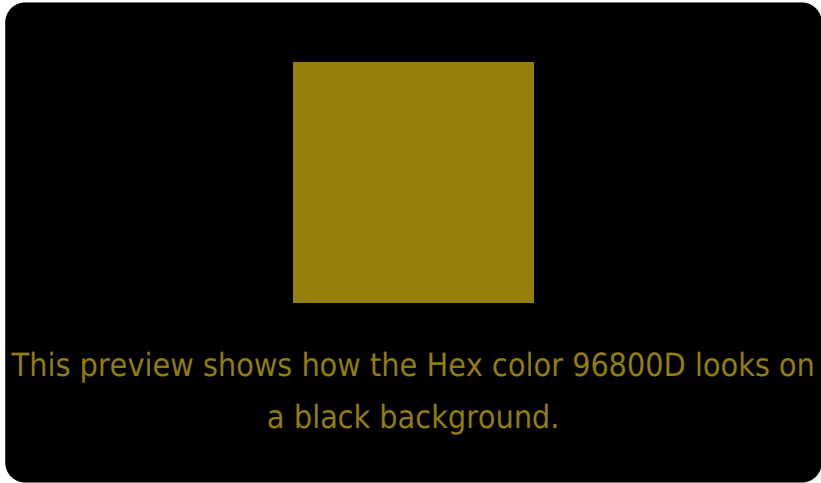
Large Text (above 18pt) WCAG AA ✓ Pass

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 96800D Background



This preview shows how black text looks on a background with the Hex color 96800D.



This preview shows how white text looks on a background with the Hex color 96800D.

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
96800D

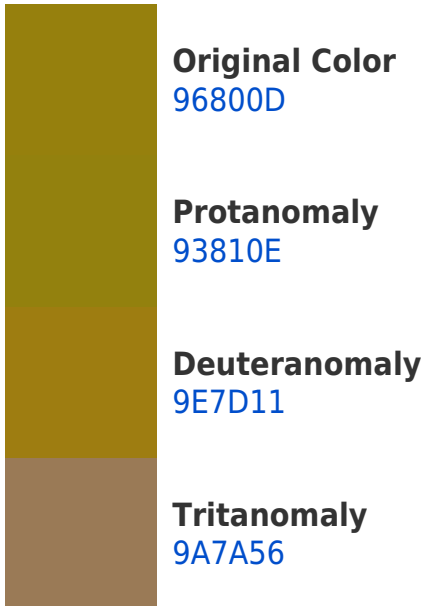
Protanopia
92820E

Deuteranopia
A37B13

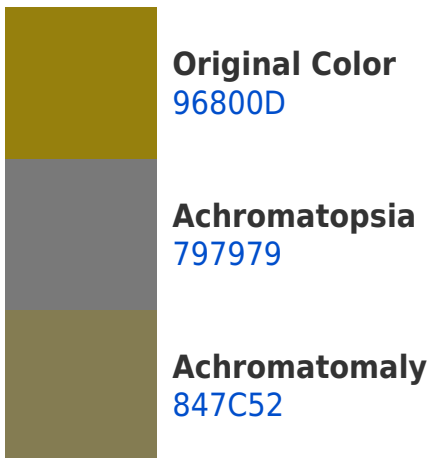


Tritanopia
9D7780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96800D 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 #96800D looks like.

```
.text, #text, p{  
    color:#96800D  
}
```

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 #96800D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96800D
}
```

Border

The CSS property to change the border of an element to Hex 96800D 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
#96800D }
```

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

```
.border{ border-color:#96800D }
```

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

Here you see how a box with a 4 pixel #96800D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96800D; -webkit-box-shadow:4px 4px  
4px 4px #96800D; box-shadow:4px 4px 4px  
4px #96800D }
```

Background

The CSS property to change the background color of an element to Hex 96800D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96800D }
```

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

```
.background{ background-color:#96800D }
```

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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