

Converting Colors

Hex(936E00)

Have a look what the booklet for
Hex(936E00) contains.

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Color

Hex(936E00)

Conversions

Conversions Part 1

Format	Color
Hex	936E00
RGB	147, 110, 0
RGB Percent	58%, 43%, 0%
CMY	0.4235, 0.5686, 1.0000
CMYK	0.00, 0.25, 1.00, 0.42
HSL	45°, 100%, 29%
HSV	45°, 100%, 58%
XYZ	17.6086, 17.3549, 2.4218
YIQ	108.5230, 57.3620, -26.3660

Conversions

Conversions Part 2

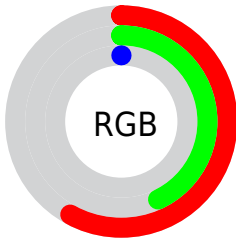
Format	Color
R_YB	49, 147, 0
Decimal	9661952
CIE Lab	48.70, 6.14, 55.31
CIE LCh	49, 55.653, 83.668
Yxy	17.3549, 0.4710, 0.4642
Android (android.graphics.Color)	4287852032 (0xFF936E00)
YUV	108.5230, -53.5018, 33.7443
Hunter-Lab	41.6592, 2.5449, 25.7148

Details

The Hex color **936E00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **002593**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **CDA13F**, and **5B3F00** is the 20% darker color. If you saturate the color by 10%, you get **936E00**, and if you desaturate by 10%, it is **93720F**.

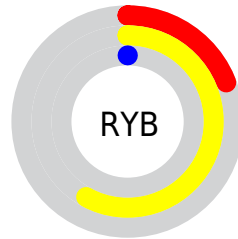
Distribution



Red (58%)

Green (43%)

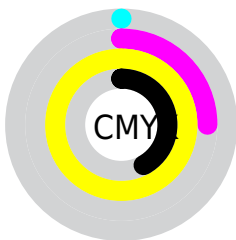
Blue (0%)



Red (19%)

Yellow (58%)

Blue (0%)

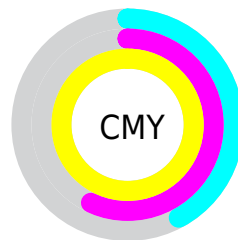


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (42%)



Cyan (42%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 936E00 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 936E00 by changing the saturation by 10% instead.

 936E00

 936E00

FFFFFF

 775600

 CDA13F

 5B3F00

 EBBC59

 402900

 FFD873

 271500

 FFF48E

 010000

 FFFFAA

 000000

 FFFFC6

 FFFFEE

 936E00

 93720F

 93751D

 93792C

 937D3B

 93814A

 938458

 938867

 938C76

 938F84

Harmonies

Analogous

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



B55B27



936E00



667C0C

Triad

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



936E00



008998



A356AC

Complementary

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



936E00



002593

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.



5F6BCA



936E00



0086BF

Square

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



936E00



008968



007CD2



C24580

Rectangle

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



936E00



408329



007CD2



915DB8

Sweetspot

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



936E00



BFB186



930027



61583E



E0E0E0



616161

Same Dimension

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



936E00



BF8F00



719300



4A4843



8A6700



0A0800

Inverse Universe

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



002593



0030BF



220093



43444A



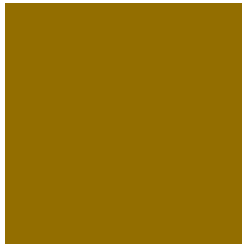
00238A



00030A

Previews

White Background



This preview shows how the Hex color 936E00 looks on a white background.

Color Contrast Check

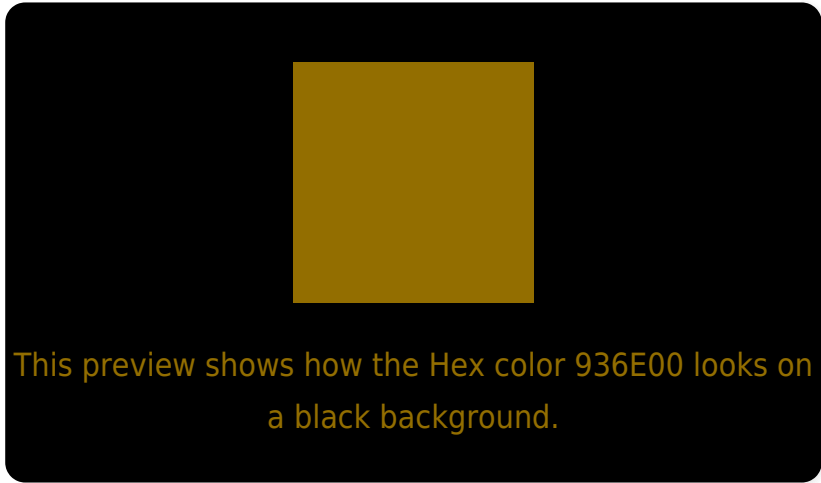
Large Text (above 18pt) WCAG AA ✓ Pass

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 936E00 Background



This preview shows how black text looks on a background with the Hex color 936E00.



This preview shows how white text looks on a background with the Hex color 936E00.

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
936E00

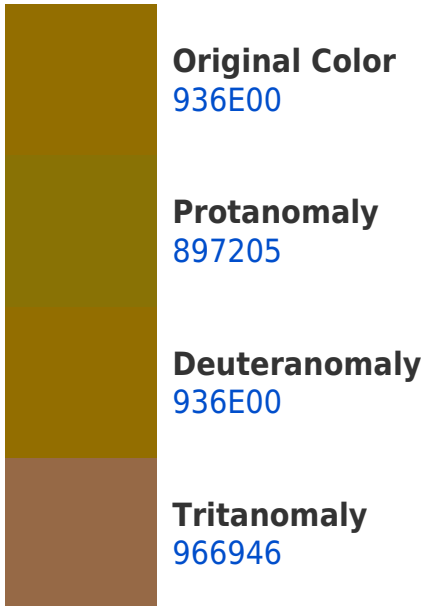
Protanopia
837408

Deuteranopia
936E00

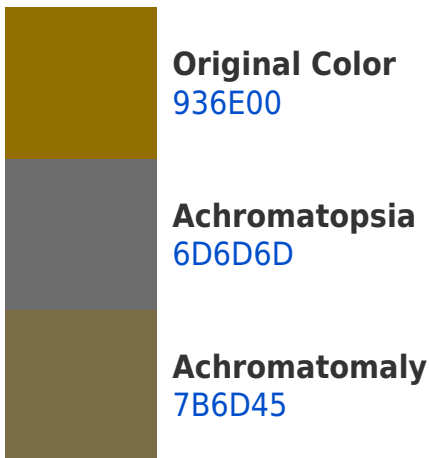


Tritanopia
98666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 936E00 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 #936E00 looks like.

```
.text, #text, p{  
    color:#936E00  
}
```

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 #936E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #936E00
}
```

Border

The CSS property to change the border of an element to Hex 936E00 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
#936E00 }
```

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

```
.border{ border-color:#936E00 }
```

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

Here you see how a box with a 4 pixel #936E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #936E00; -webkit-box-shadow:4px 4px  
4px 4px #936E00; box-shadow:4px 4px 4px  
4px #936E00 }
```

Background

The CSS property to change the background color of an element to Hex 936E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#936E00 }
```

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

```
.background{ background-color:#936E00 }
```

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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