

Converting Colors

Hex(936E12)

Have a look what the booklet for
Hex(936E12) contains.

Hex(936E12)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(936E12)

Conversions

Conversions Part 1

Format	Color
Hex	936E12
RGB	147, 110, 18
RGB Percent	58%, 43%, 7%
CMY	0.4235, 0.5686, 0.9294
CMYK	0.00, 0.25, 0.88, 0.42
HSL	43°, 78%, 32%
HSV	43°, 88%, 58%
XYZ	17.7177, 17.3986, 2.9967
YIQ	110.5750, 51.5840, -20.7680

Conversions

Conversions Part 2

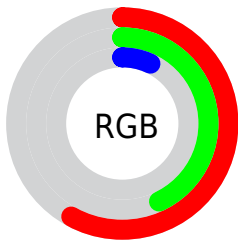
Format	Color
R_YB	70, 147, 18
Decimal	9661970
CIE Lab	48.76, 6.49, 51.27
CIE LCh	49, 51.677, 82.783
Yxy	17.3986, 0.4649, 0.4565
Android (android.graphics.Color)	4287852050 (0xFF936E12)
YUV	110.5750, -45.6395, 31.9447
Hunter-Lab	41.7116, 2.8257, 24.9385

Details

The Hex color **936E12** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **123793**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **CDA148**, and **5C3F00** is the 20% darker color. If you saturate the color by 10%, you get **936A03**, and if you desaturate by 10%, it is **937221**.

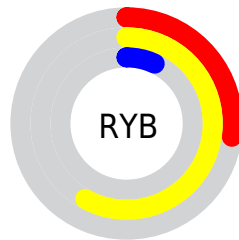
Distribution



Red (58%)

Green (43%)

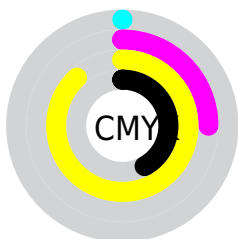
Blue (7%)



Red (27%)

Yellow (58%)

Blue (7%)

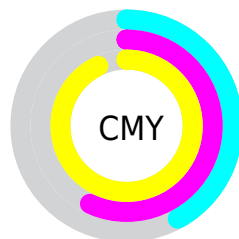


Cyan (0%)

Magenta (25%)

Yellow (88%)

Black (42%)



Cyan (42%)

Magenta (57%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 936E12 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 936E12 by changing the saturation by 10% instead.



936E12



936E12

FFFFFF



775600



CDA148



5C3F00



EABC62



412900



FFD87C



281500



FFF497



030000



FFFFB2



000000



FFFCE



FFFEB



936E12



936E12

■ 936A03

■ 937221

■ 936900

■ 93762F

■ 937B3E

■ 937F4D

■ 93835B

■ 93876A

■ 938C79

■ 939088

■ 939496

Harmonies

Analogous

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



B25C2E



936E12



6A7B19

Triad

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



936E12



008894



9E59A9

Complementary

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



936E12



123793

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.



606DC5



936E12



0085B9

Square

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



936E12



008867



007CCB



BD4B80

Rectangle

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



936E12



47822F



007CCB



8E60B4

Sweetspot

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



936E12



BFB18E



931239



615843



E0E0E0



616161

Same Dimension

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



936E12



BF8800



799312



4A4843



8A6200



0A0700

Inverse Universe

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



123793



0037BF



2C1293



43454A



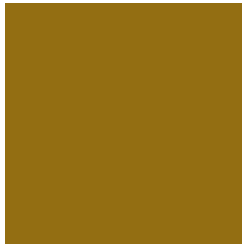
00278A



00030A

Previews

White Background



This preview shows how the Hex color 936E12 looks on a white background.

Color Contrast Check

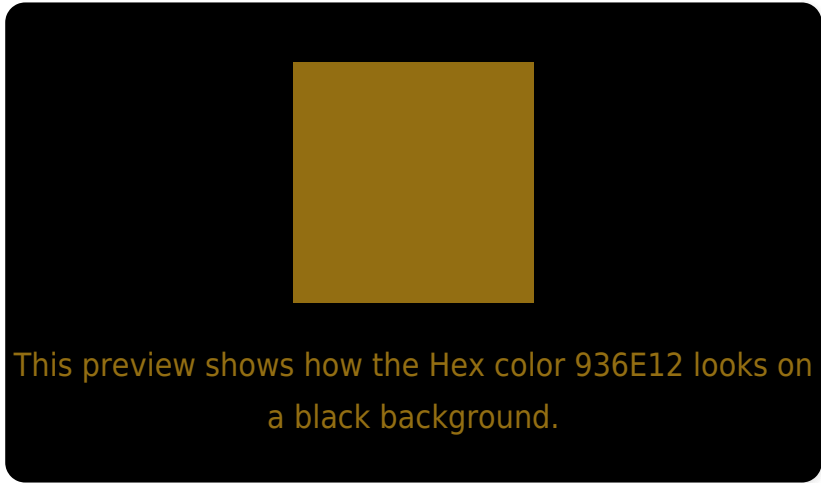
Large Text (above 18pt) WCAG AA ✓ Pass

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 936E12 Background



This preview shows how black text looks on a background with the Hex color 936E12.



This preview shows how white text looks on a background with the Hex color 936E12.

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
936E12

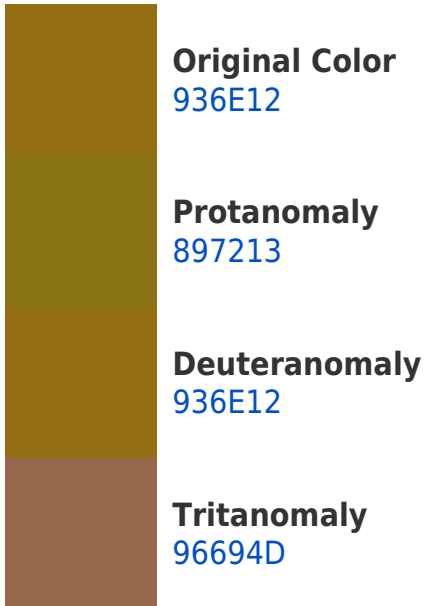
Protanopia
837414

Deuteranopia
936E12

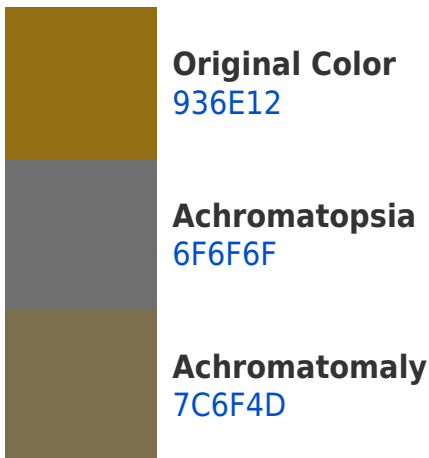


Tritanopia
98666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 936E12 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 #936E12 looks like.

```
.text, #text, p{  
    color:#936E12  
}
```

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 #936E12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #936E12
}
```

Border

The CSS property to change the border of an element to Hex 936E12 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
#936E12 }
```

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

```
.border{ border-color:#936E12 }
```

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

Here you see how a box with a 4 pixel #936E12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #936E12; -webkit-box-shadow:4px 4px  
4px 4px #936E12; box-shadow:4px 4px 4px  
4px #936E12 }
```

Background

The CSS property to change the background color of an element to Hex 936E12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#936E12 }
```

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

```
.background{ background-color:#936E12 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor