

Converting Colors

Hex(936D06)

Have a look what the booklet for
Hex(936D06) contains.

Hex(936D06)	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(936D06)

Conversions

Conversions Part 1

Format	Color
Hex	936D06
RGB	147, 109, 6
RGB Percent	58%, 43%, 2%
CMY	0.4235, 0.5725, 0.9765
CMYK	0.00, 0.26, 0.96, 0.42
HSL	44°, 92%, 30%
HSV	44°, 96%, 58%
XYZ	17.5341, 17.1535, 2.5591
YIQ	108.6200, 55.7110, -23.9770

Conversions

Conversions Part 2

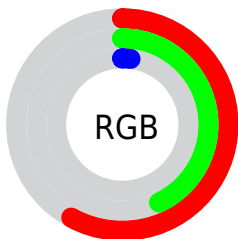
Format	Color
R_{YB}	58, 147, 6
Decimal	9661702
CIE Lab	48.45, 6.82, 53.84
CIE LCh	48, 54.267, 82.781
Yxy	17.1535, 0.4708, 0.4605
Android (android.graphics.Color)	4287851782 (0xFF936D06)
YUV	108.6200, -50.5917, 33.6593
Hunter-Lab	41.4167, 3.0902, 25.3283

Details

The Hex color **936D06** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **062C93**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **CDA042**, and **5C3E00** is the 20% darker color. If you saturate the color by 10%, you get **936B00**, and if you desaturate by 10%, it is **937115**.

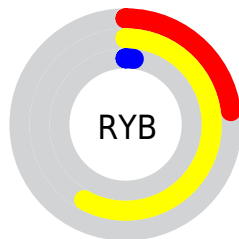
Distribution



Red (58%)

Green (43%)

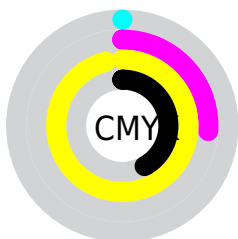
Blue (2%)



Red (23%)

Yellow (58%)

Blue (2%)

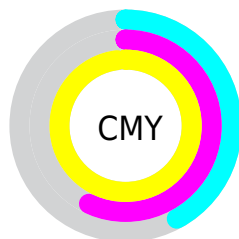


Cyan (0%)

Magenta (26%)

Yellow (96%)

Black (42%)



Cyan (42%)

Magenta (57%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 936D06 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 936D06 by changing the saturation by 10% instead.

 936D06

 936D06

FFFFFF

 775500

 CDA042

 5C3E00

 EBBB5C

 402800

 FFD776

 271400

 FFF391

 000000

 FFFFAC

 FFFFC8

 FFFF E5

 936D06

 936D06

■ 936B00

■ 937115

■ 937523

■ 937932

■ 937D41

■ 938150

■ 93855E

■ 93896D

■ 938D7C

■ 93918A

Harmonies

Analogous

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



B45A2A



936D06



687B10

Triad

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



936D06



008895



A057AB

Complementary

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



936D06



062C93

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.



5D6CC8



936D06



0085BC

Square

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



936D06



008866



007CCE



BF4780

Rectangle

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



936D06



43812A



007CCE



8E5EB7

Sweetspot

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



936D06



BFB088



93062E



61583F



E0E0E0



616161

Same Dimension

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



936D06



BF8C00



749306



4A4843



8A6500



0A0700

Inverse Universe

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



062C93



0034BF



250693



43454A



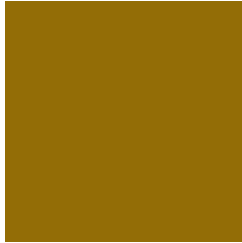
00258A



00030A

Previews

White Background



This preview shows how the Hex color 936D06 looks on a white background.

Color Contrast Check

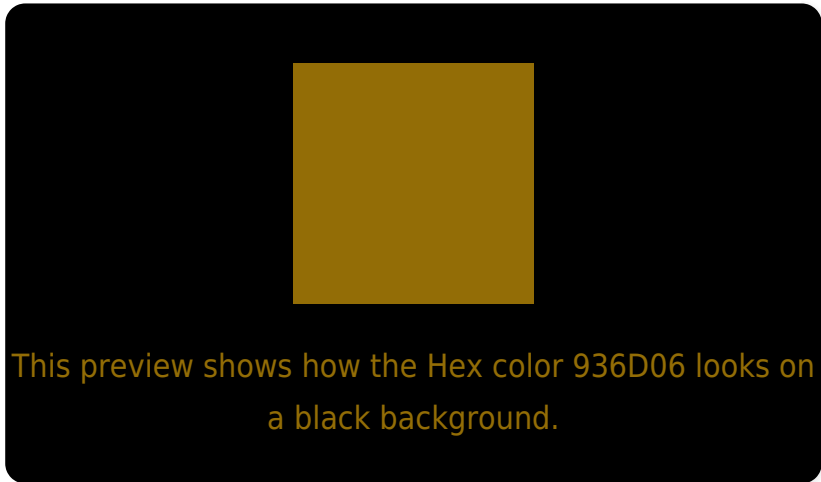
Large Text (above 18pt) WCAG AA ✓ Pass

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 936D06 Background



This preview shows how black text looks on a background with the Hex color 936D06.



This preview shows how white text looks on a background with the Hex color 936D06.

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
936D06

Protanopia
82740A

Deuteranopia
926D05



Tritanopia
98656D

Trichromacy



Original Color
936D06

Protanomaly
887109

Deuteranomaly
926D05

Tritanomaly
966848

Monochromacy



Original Color
936D06

Achromatopsia
6D6D6D

Achromatomaly
7B6D48

CSS Examples

Text

The CSS property to change the color of the text to Hex 936D06 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 #936D06 looks like.

```
.text, #text, p{  
    color:#936D06  
}
```

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 #936D06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #936D06
}
```

Border

The CSS property to change the border of an element to Hex 936D06 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
#936D06 }
```

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

```
.border{ border-color:#936D06 }
```

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

Here you see how a box with a 4 pixel #936D06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #936D06; -webkit-box-shadow:4px 4px  
4px 4px #936D06; box-shadow:4px 4px 4px  
4px #936D06 }
```

Background

The CSS property to change the background color of an element to Hex 936D06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#936D06 }
```

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

```
.background{ background-color:#936D06 }
```

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