

Converting Colors

Hex(936D0D)

Have a look what the booklet for
Hex(936D0D) contains.

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Color

Hex(936D0D)

Conversions

Conversions Part 1

Format	Color
Hex	936D0D
RGB	147, 109, 13
RGB Percent	58%, 43%, 5%
CMY	0.4235, 0.5725, 0.9490
CMYK	0.00, 0.26, 0.91, 0.42
HSL	43°, 84%, 31%
HSV	43°, 91%, 58%
XYZ	17.5739, 17.1694, 2.7685
YIQ	109.4180, 53.4640, -21.8000

Conversions

Conversions Part 2

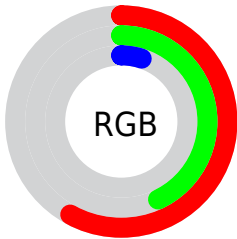
Format	Color
R_{YB}	66, 147, 13
Decimal	9661709
CIE _{Lab}	48.47, 6.95, 52.35
CIE _{LCh}	48, 52.808, 82.439
Yxy	17.1694, 0.4685, 0.4577
Android (android.graphics.Color)	4287851789 (0xFF936D0D)
YUV	109.4180, -47.5341, 32.9594
Hunter-Lab	41.4360, 3.1929, 25.0437

Details

The Hex color **936D0D** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0D3393**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **CDA045**, and **5C3E00** is the 20% darker color. If you saturate the color by 10%, you get **936900**, and if you desaturate by 10%, it is **93711C**.

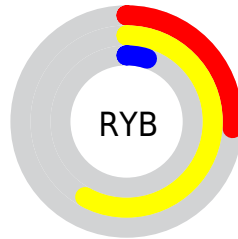
Distribution



Red (58%)

Green (43%)

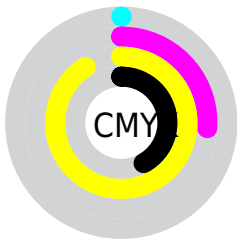
Blue (5%)



Red (26%)

Yellow (58%)

Blue (5%)

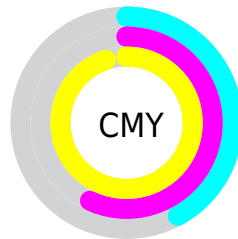


Cyan (0%)

Magenta (26%)

Yellow (91%)

Black (42%)



Cyan (42%)

Magenta (57%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 936D0D 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 936D0D by changing the saturation by 10% instead.

 936D0D

 936D0D

FFFFFF

 775500

 CDA045

 5C3E00

 EBBB5F

 412800

 FFD779

 271400

 FFF394

 010000

 FFFFAF

 000000

 FFFFCB

 FFFFEE

 936D0D

 936D0D

■ 936900

■ 93711C

■ 93752A

■ 937A39

■ 937E48

■ 938257

■ 938665

■ 938A74

■ 938E83

■ 939391

Harmonies

Analogous

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



B35B2C



936D0D



697B14

Triad

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



936D0D



008894



9E58AA

Complementary

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



936D0D



0D3393

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.



5E6CC6



936D0D



0085B9

Square

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



936D0D



008766



007CCC



BD4980

Rectangle

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



936D0D



46812C



007CCC



8D5FB5

Sweetspot

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



936D0D



BFB18C



930D35



615842



E0E0E0



616161

Same Dimension

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



936D0D



BF8900



78930D



4A4843



8A6300



0A0700

Inverse Universe

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



0D3393



0036BF



280D93



43454A



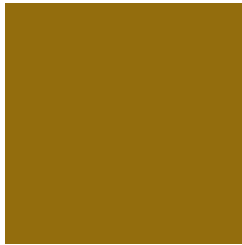
00278A



00030A

Previews

White Background



This preview shows how the Hex color 936D0D 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 936D0D Background



This preview shows how black text looks on a background with the Hex color 936D0D.



This preview shows how white text looks on a background with the Hex color 936D0D.

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
936D0D

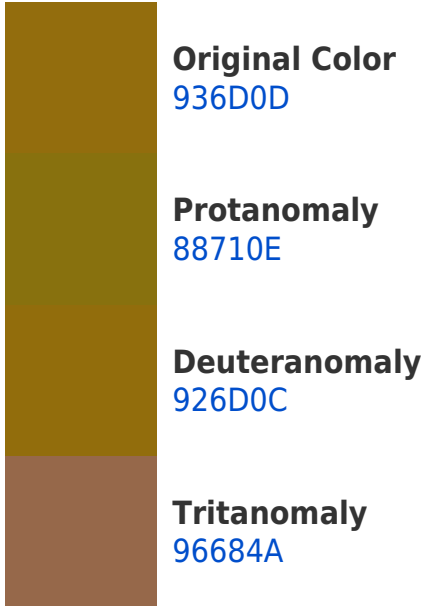
Protanopia
82740F

Deuteranopia
926D0C

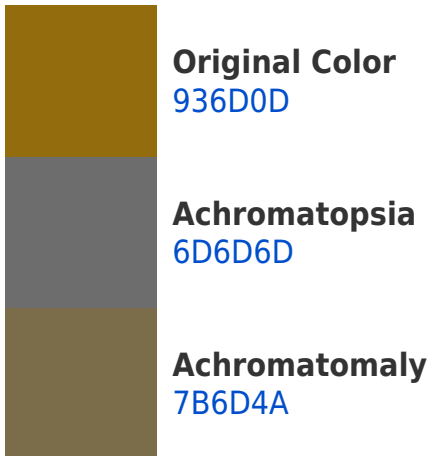


Tritanopia
98656D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 936D0D 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 #936D0D looks like.

```
.text, #text, p{  
    color:#936D0D  
}
```

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 #936D0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #936D0D
}
```

Border

The CSS property to change the border of an element to Hex 936D0D 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
#936D0D }
```

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

```
.border{ border-color:#936D0D }
```

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

Here you see how a box with a 4 pixel #936D0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #936D0D; -webkit-box-shadow:4px 4px  
4px 4px #936D0D; box-shadow:4px 4px 4px  
4px #936D0D }
```

Background

The CSS property to change the background color of an element to Hex 936D0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#936D0D }
```

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

```
.background{ background-color:#936D0D }
```

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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