

Converting Colors

Hex(936616)

Have a look what the booklet for
Hex(936616) contains.

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Color

Hex(936616)

Conversions

Conversions Part 1

Format	Color
Hex	936616
RGB	147, 102, 22
RGB Percent	58%, 40%, 9%
CMY	0.4235, 0.6000, 0.9137
CMYK	0.00, 0.31, 0.85, 0.42
HSL	38°, 74%, 33%
HSV	38°, 85%, 58%
XYZ	16.9288, 15.7637, 2.9095
YIQ	106.3350, 52.5000, -15.3400

Conversions

Conversions Part 2

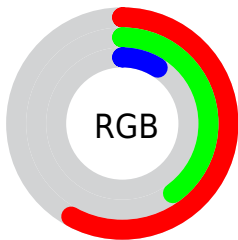
Format	Color
RYB	92, 147, 22
Decimal	9659926
CIELab	46.66, 11.22, 48.25
CIElCh	47, 49.534, 76.908
Yxy	15.7637, 0.4755, 0.4428
Android (android.graphics.Color)	4287850006 (0xFF936616)
YUV	106.3350, -41.5772, 35.6632
Hunter-Lab	39.7035, 6.6277, 23.4477

Details

The Hex color **936616** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **164393**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **CD994A**, and **5C3700** is the 20% darker color. If you saturate the color by 10%, you get **936107**, and if you desaturate by 10%, it is **936B25**.

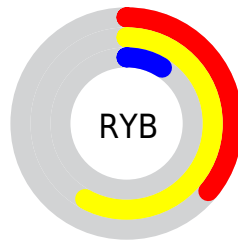
Distribution



Red (58%)

Green (40%)

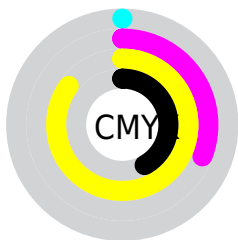
Blue (9%)



Red (36%)

Yellow (58%)

Blue (9%)

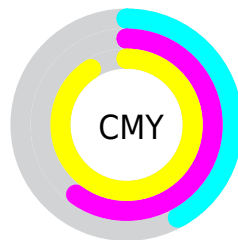


Cyan (0%)

Magenta (31%)

Yellow (85%)

Black (42%)



Cyan (42%)

Magenta (60%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 936616 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 936616 by changing the saturation by 10% instead.

 936616

 936616

FFFFFF

 774E00

 CD994A

 5C3700

 EBB463

 412200

 FFCF7D

 270E00

 FFEB98

 000000

 FFFFB3

 FFFFCE

 FFFFEC

 936616

 936616

■ 936107

■ 936B25

■ 935E00

■ 937133

■ 937642

■ 937B51

■ 938060

■ 93866E

■ 938B7D

■ 93908C

■ 93969A

Harmonies

Analogous

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



AE5533



936616



6E7414

Triad

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



936616



008286



8E59A8

Complementary

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



936616



164393

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.



4B6BBE



936616



0080AB

Square

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



936616



00815A



0078C0



B14A83

Rectangle

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



936616



4F7A26



0078C0



7D5FB1

Sweetspot

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



936616



BFAD8E



931644



615643



E0E0E0



616161

Same Dimension

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



936616



BF7A00



829316



4A4743



8A5800



0A0700

Inverse Universe

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



164393



0045BF



271693



43454A



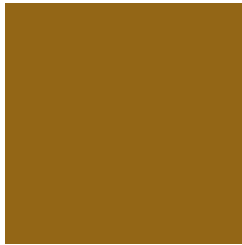
00328A



00040A

Previews

White Background



This preview shows how the Hex color 936616 looks on a white background.

Color Contrast Check

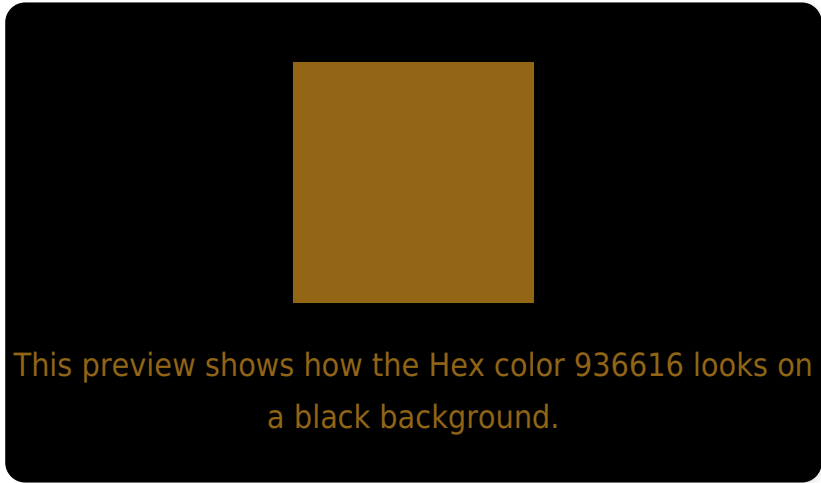
Large Text (above 18pt) WCAG AA ✓ Pass

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 936616 Background



This preview shows how black text looks on a background with the Hex color 936616.



This preview shows how white text looks on a background with the Hex color 936616.

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
936616

Protanopia
7D6F18

Deuteranopia
8C6914



Tritanopia
975F66

Trichromacy



Original Color
936616

Protanomaly
856C17

Deuteranomaly
8F6815

Tritanomaly
966249

Monochromacy



Original Color
936616

Achromatopsia
6A6A6A

Achromatomaly
79694B

CSS Examples

Text

The CSS property to change the color of the text to Hex 936616 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 #936616 looks like.

```
.text, #text, p{  
    color:#936616  
}
```

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 #936616 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #936616
}
```

Border

The CSS property to change the border of an element to Hex 936616 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
#936616 }
```

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

```
.border{ border-color:#936616 }
```

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

Here you see how a box with a 4 pixel #936616 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #936616; -webkit-box-shadow:4px 4px  
4px 4px #936616; box-shadow:4px 4px 4px  
4px #936616 }
```

Background

The CSS property to change the background color of an element to Hex 936616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#936616 }
```

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

```
.background{ background-color:#936616 }
```

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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