

Converting Colors

Hex(D96318)

Have a look what the booklet for
Hex(D96318) contains.

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Color

Hex(D96318)

Conversions

Conversions Part 1

Format	Color
Hex	D96318
RGB	217, 99, 24
RGB Percent	85%, 39%, 9%
CMY	0.1490, 0.6118, 0.9059
CMYK	0.00, 0.54, 0.89, 0.15
HSL	23°, 80%, 47%
HSV	23°, 89%, 85%
XYZ	33.2420, 23.7413, 3.6946
YIQ	125.7320, 94.4030, 1.6910

Conversions

Conversions Part 2

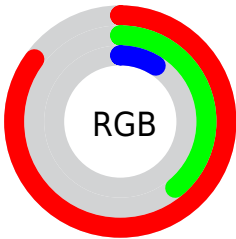
Format	Color
RYB	217, 147, 24
Decimal	14246680
CIELab	55.83, 42.68, 59.09
CIElCh	56, 72.891, 54.164
Yxy	23.7413, 0.5478, 0.3913
Android (android.graphics.Color)	4292436760 (0xFFD96318)
YUV	125.7320, -50.1539, 80.0420
Hunter-Lab	48.7251, 36.5101, 29.6118

Details

The Hex color **D96318** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **188ED9**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF984D**, and **9B2F00** is the 20% darker color. If you saturate the color by 10%, you get **D95602**, and if you desaturate by 10%, it is **D9702E**.

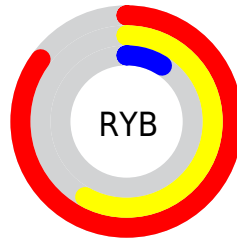
Distribution



Red (85%)

Green (39%)

Blue (9%)



Red (85%)

Yellow (58%)

Blue (9%)

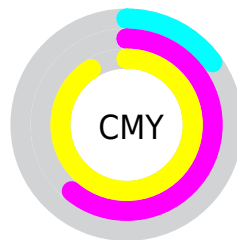


Cyan (0%)

Magenta (54%)

Yellow (89%)

Black (15%)



Cyan (15%)

Magenta (61%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color D96318 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 D96318 by changing the saturation by 10% instead.

 D96318

 D96318

FFFFFF

 BA4900

 FF984D

 9B2F00

 FFB467

 7C1300

 FFD082

 5E0000

 FFED9D

 410000

 FFFF88

 260001

 FFFFD5

 000000

 FFFFF2

 D96318

 D96318

 D95602

 D9702E

 D95400

 D97E43

 D98B59

 D9986F

 D9A584

 D9B39A

 D9C0B0

 D9CDC6

 D9DADB

Harmonies

Analogous

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



F24456



D96318



AC7F00

Triad

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



D96318



00A177



657AFA

Complementary

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



D96318



188ED9

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.



0091FF



D96318



00A2B8

Square

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



D96318



009C35



009EEC



C55AD1

Rectangle

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



D96318



868C00



009EEC



0283FF

Sweetspot

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



D96318



FFD5BA



D9188F



806757



000000



808080

Same Dimension

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



D96318



FF6300



D9C218



6E6763



AD4300



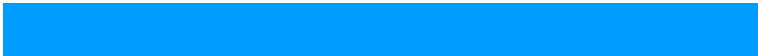
2E1200

Inverse Universe

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



188ED9



009CFF



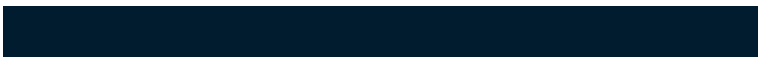
182FD9



63696E



006AAD



001C2E

Previews

White Background



This preview shows how the Hex color D96318 looks on a white background.

Color Contrast Check

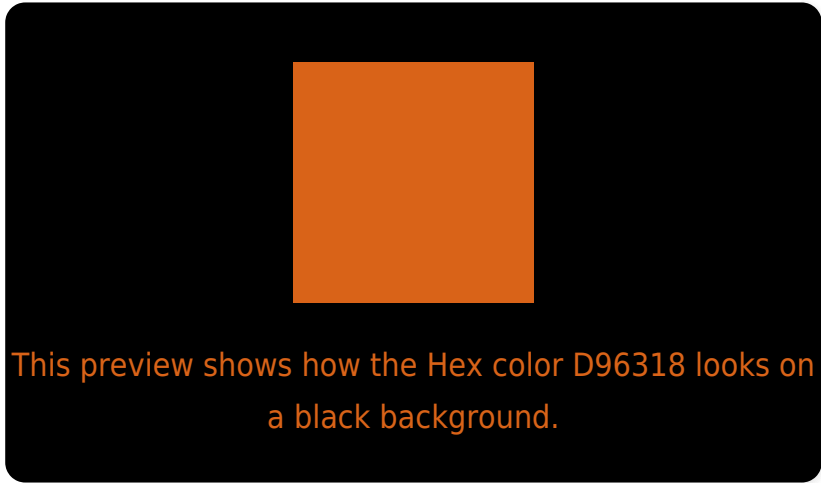
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D96318 Background



This preview shows how black text looks on a background with the Hex color D96318.



This preview shows how white text looks on a background with the Hex color D96318.

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

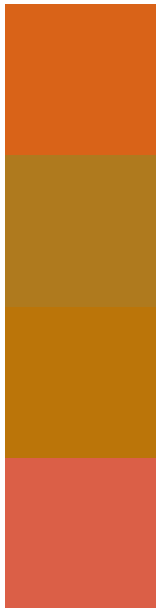


Original Color
D96318

Protanopia
978721

Deuteranopia
AA7F00

Trichromacy



Original Color
D96318

Protanomaly
AF7A1E

Deuteranomaly
BB7509

Tritanomaly
DB5F47

Monochromacy



Original Color
D96318

Achromatopsia
7E7E7E

Achromatomaly
9F7459

CSS Examples

Text

The CSS property to change the color of the text to Hex D96318 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 #D96318 looks like.

```
.text, #text, p{  
    color:#D96318  
}
```

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 #D96318 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D96318
}
```

Border

The CSS property to change the border of an element to Hex D96318 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
#D96318 }
```

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

```
.border{ border-color:#D96318 }
```

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

Here you see how a box with a 4 pixel #D96318 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D96318; -webkit-box-shadow:4px 4px  
4px 4px #D96318; box-shadow:4px 4px 4px  
4px #D96318 }
```

Background

The CSS property to change the background color of an element to Hex D96318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D96318 }
```

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

```
.background{ background-color:#D96318 }
```

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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