

Converting Colors

Hex(D96D16)

Have a look what the booklet for
Hex(D96D16) contains.

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Color

Hex(D96D16)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D96D16 |
| RGB | 217, 109, 22 |
| RGB Percent | 85%, 43%, 9% |
| CMY | 0.1490, 0.5725, 0.9137 |
| CMYK | 0.00, 0.50, 0.90, 0.15 |
| HSL | 27°, 82%, 47% |
| HSV | 27°, 90%, 85% |
| XYZ | 34.2287, 25.7469, 3.9247 |
| YIQ | 131.3740, 92.2950, -4.1610 |

Conversions

Conversions Part 2

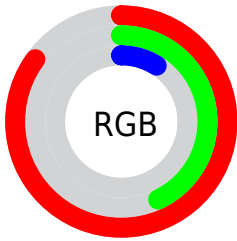
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 217, 179, 22 |
| Decimal | 14249238 |
| CIE _{Lab} | 57.80, 37.64, 61.17 |
| CIE _{LCh} | 58, 71.824, 58.391 |
| Yxy | 25.7469, 0.5357, 0.4029 |
| Android (android.graphics.Color) | 4292439318 (0xFFD96D16) |
| YUV | 131.3740, -53.9214, 75.0940 |
| Hunter-Lab | 50.7414, 31.6136, 30.9331 |

Details

The Hex color **D96D16** 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 **1682D9**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FFA24D**, and **9B3A00** is the 20% darker color. If you saturate the color by 10%, you get **D96100**, and if you desaturate by 10%, it is **D9792C**.

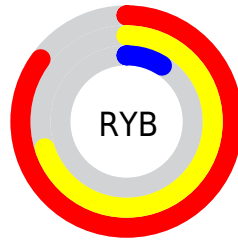
Distribution



Red (85%)

Green (43%)

Blue (9%)



Red (85%)

Yellow (70%)

Blue (9%)

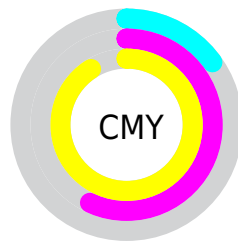


Cyan (0%)

Magenta (50%)

Yellow (90%)

Black (15%)



Cyan (15%)

Magenta (57%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color D96D16 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 D96D16 by changing the saturation by 10% instead.

 D96D16

 D96D16

FFFFFF

 BA5400

 FFA24D

 9B3A00

 FFBE68

 7C2100

 FFDA82

 5F0300

 FFF79D

 420000

 FFFFB9

 290001

 FFFFD5

 000000

 FFFFF2

 D96D16

 D96D16

 D96100

 D9792C

 D98541

 D99157

 D99D6D

 D9A983

 D9B598

 D9C1AE

 D9CDC4

 D9D9D9

Harmonies

Analogous

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



F54F53



D96D16



AA8700

Triad

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



D96D16



00A785



7F7CFA

Complementary

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



D96D16



1682D9

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.



0094FF



D96D16



00A7C5

Square

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



D96D16



00A244



00A1F6



D25CCE

Rectangle

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



D96D16



839400



00A1F6



4C85FF

Sweetspot

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



D96D16



FFD9BA



D91684



806957



000000



808080

Same Dimension

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



D96D16



FF7200



D9CC16



6E6863



AD4D00



2E1400

Inverse Universe

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



1682D9



008DFF



1623D9



63696E



0060AD



00192E

Previews

White Background



This preview shows how the Hex color D96D16 looks on a white background.

Color Contrast Check

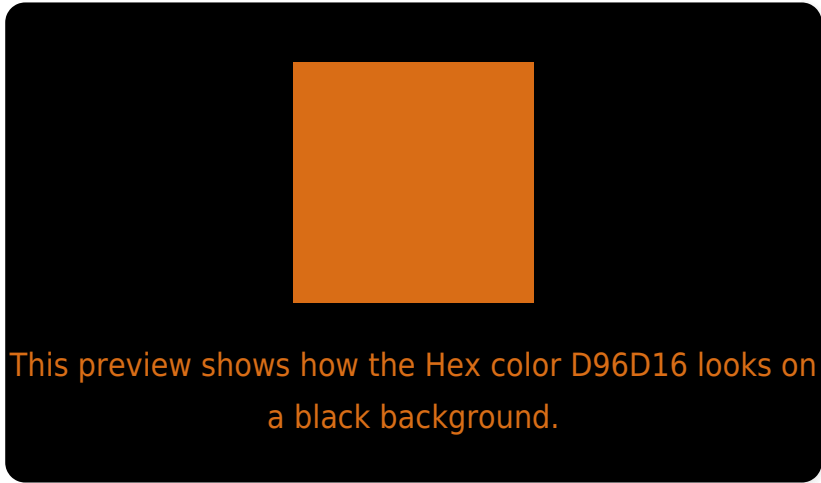
Large Text (above 18pt) WCAG AA ✓ Pass

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 D96D16 Background



This preview shows how black text looks on a background with the Hex color D96D16.



This preview shows how white text looks on a background with the Hex color D96D16.

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

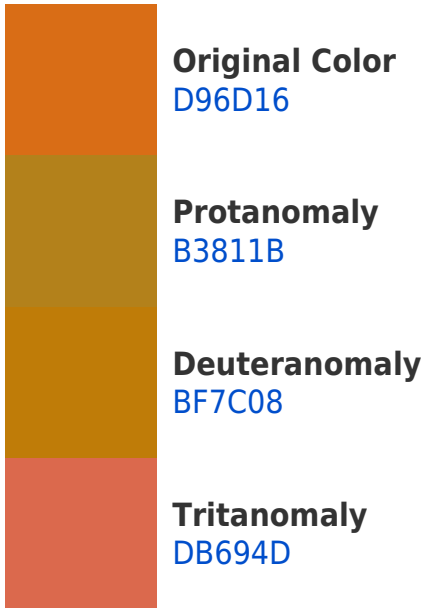


Original Color
D96D16

Protanopia
9D8C1E

Deuteranopia
B08400

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D96D16 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 #D96D16 looks like.

```
.text, #text, p{  
    color:#D96D16  
}
```

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 #D96D16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D96D16  
}
```

Border

The CSS property to change the border of an element to Hex D96D16 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  
#D96D16 }
```

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

```
.border{ border-color:#D96D16 }
```

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

Here you see how a box with a 4 pixel #D96D16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D96D16; -webkit-box-shadow:4px 4px  
4px 4px #D96D16; box-shadow:4px 4px 4px  
4px #D96D16 }
```

Background

The CSS property to change the background color of an element to Hex D96D16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D96D16 }
```

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

```
.background{ background-color:#D96D16 }
```

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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