

Converting Colors

Hex(D16716)

Have a look what the booklet for
Hex(D16716) contains.

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Color

Hex(D16716)

Conversions

Conversions Part 1

Format	Color
Hex	D16716
RGB	209, 103, 22
RGB Percent	82%, 40%, 9%
CMY	0.1804, 0.5961, 0.9137
CMYK	0.00, 0.51, 0.89, 0.18
HSL	26°, 81%, 45%
HSV	26°, 89%, 82%
XYZ	31.2896, 23.3137, 3.6099
YIQ	125.4600, 89.1770, -2.7190

Conversions

Conversions Part 2

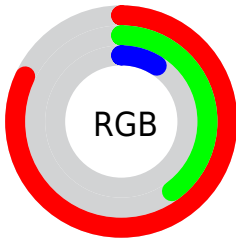
Format	Color
R_{YB}	209, 165, 22
Decimal	13723414
CIE _{Lab}	55.39, 37.51, 58.84
CIE _{LCh}	55, 69.781, 57.485
Yxy	23.3137, 0.5375, 0.4005
Android (android.graphics.Color)	4291913494 (0xFFD16716)
YUV	125.4600, -51.0058, 73.2646
Hunter-Lab	48.2843, 31.1754, 29.3663

Details

The Hex color **D16716** 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 **1680D1**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF9C4C**, and **933500** is the 20% darker color. If you saturate the color by 10%, you get **D15B01**, and if you desaturate by 10%, it is **D1732B**.

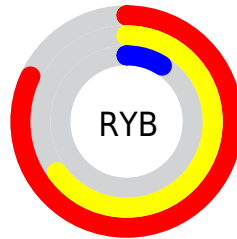
Distribution



Red (82%)

Green (40%)

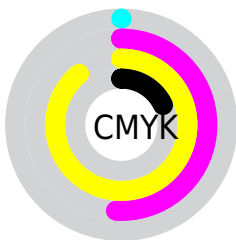
Blue (9%)



Red (82%)

Yellow (65%)

Blue (9%)

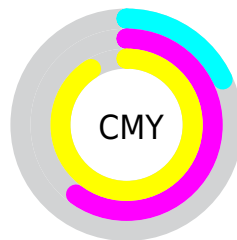


Cyan (0%)

Magenta (51%)

Yellow (89%)

Black (18%)



Cyan (18%)

Magenta (60%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color D16716 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 D16716 by changing the saturation by 10% instead.

 D16716

 D16716

FFFFFF

 B24E00

 FF9C4C

 933500

 FFB766

 751B00

 FFD381

 580000

 FFF09C

 3C0000

 FFFFB7

 1F0001

 FFFFD4

 000000

 FFFFF0

 D16716

 D16716

 D15B01

 D1732B

 D15B00

 D17F40

 D18B55

 D1966A

 D1A27E

 D1AE93

 D1BAA8

 D1C6BD

 D1D2D2

Harmonies

Analogous

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



EC4B51



D16716



A48000

Triad

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



D16716



009F7E



7677F1

Complementary

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



D16716



1680D1

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.



008EFF



D16716



009FBB

Square

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



D16716



009B3F



009BEB



C758C7

Rectangle

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



D16716



7F8D00



009BEB



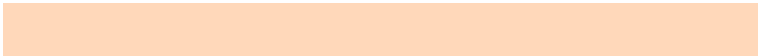
4280F9

Sweetspot

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



D16716



FFD8BA



D11683



806857



000000



808080

Same Dimension

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



D16716



FF6E00



D1C116



69635E



A84900



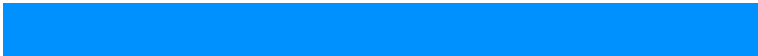
291200

Inverse Universe

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



1680D1



0091FF



1626D1



5E6469



005FA8



001729

Previews

White Background



This preview shows how the Hex color D16716 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 D16716 Background



This preview shows how black text looks on a background with the Hex color D16716.



This preview shows how white text looks on a background with the Hex color D16716.

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
D16716

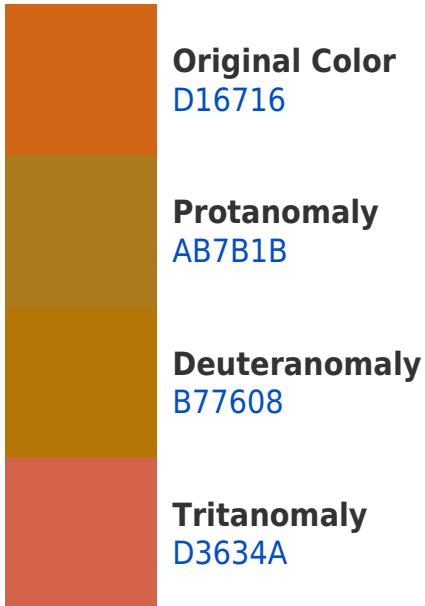
Protanopia
96861E

Deuteranopia
A87E00



Tritanopia
D46067

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D16716 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 #D16716 looks like.

```
.text, #text, p{  
    color:#D16716  
}
```

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 #D16716 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D16716
}
```

Border

The CSS property to change the border of an element to Hex D16716 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
#D16716 }
```

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

```
.border{ border-color:#D16716 }
```

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

Here you see how a box with a 4 pixel #D16716 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D16716; -webkit-box-shadow:4px 4px  
4px 4px #D16716; box-shadow:4px 4px 4px  
4px #D16716 }
```

Background

The CSS property to change the background color of an element to Hex D16716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D16716 }
```

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

```
.background{ background-color:#D16716 }
```

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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