

Converting Colors

Hex(D16715)

Have a look what the booklet for
Hex(D16715) contains.

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Color

Hex(D16715)

Conversions

Conversions Part 1

Format	Color
Hex	D16715
RGB	209, 103, 21
RGB Percent	82%, 40%, 8%
CMY	0.1804, 0.5961, 0.9176
CMYK	0.00, 0.51, 0.90, 0.18
HSL	26°, 82%, 45%
HSV	26°, 90%, 82%
XYZ	31.2801, 23.3099, 3.5601
YIQ	125.3460, 89.4980, -3.0300

Conversions

Conversions Part 2

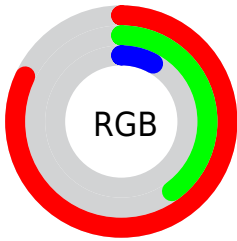
Format	Color
RYB	209, 166, 21
Decimal	13723413
CIELab	55.39, 37.49, 59.13
CIElCh	55, 70.016, 57.625
Yxy	23.3099, 0.5379, 0.4009
Android (android.graphics.Color)	4291913493 (0xFFD16715)
YUV	125.3460, -51.4426, 73.3646
Hunter-Lab	48.2804, 31.1567, 29.4243

Details

The Hex color **D16715** 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 **157FD1**, 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 **D15B00**, and if you desaturate by 10%, it is **D1732A**.

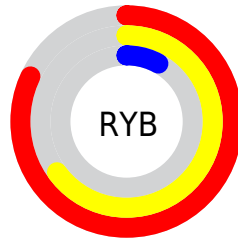
Distribution



Red (82%)

Green (40%)

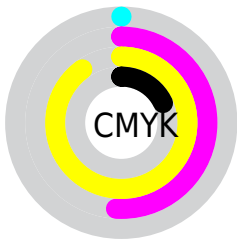
Blue (8%)



Red (82%)

Yellow (65%)

Blue (8%)

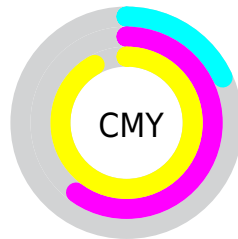


Cyan (0%)

Magenta (51%)

Yellow (90%)

Black (18%)



Cyan (18%)

Magenta (60%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color D16715 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 D16715 by changing the saturation by 10% instead.

 D16715

 D16715

FFFFFF

 B24E00

 FF9C4C

 933500

 FF8766

 751B00

 FFD380

 580000

 FFF09B

 3C0000

 FFFF87

 1F0001

 FFFF87

 000000

 FFFFF0

 D16715

 D16715

 D15B00

 D1732A

 D17F3F

 D18A54

 D19669

 D1A27E

 D1AE92

 D1B9A7

 D1C5BC

 D1D1D1

Harmonies

Analogous

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



EC4A50



D16715



A48000

Triad

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



D16715



009F7E



7677F1

Complementary

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



D16715



157FD1

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



D16715



00A0BC

Square

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



D16715



009B3F



009BEB



C858C7

Rectangle

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



D16715



7E8D00



009BEB



427FF9

Sweetspot

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



D16715



FFD8BA



D11580



806857



000000



808080

Same Dimension

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



D16715



FF6F00



D1C415



69635E



A84900



291200

Inverse Universe

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



157FD1



0090FF



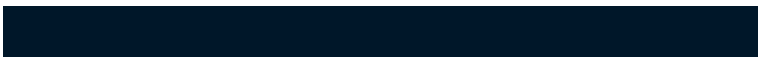
1522D1



5E6469



005FA8



001729

Previews

White Background



This preview shows how the Hex color D16715 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 D16715 Background



This preview shows how black text looks on a background with the Hex color D16715.



This preview shows how white text looks on a background with the Hex color D16715.

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
D16715

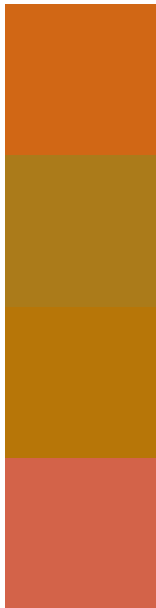
Protanopia
96861D

Deuteranopia
A87E00



Tritanopia
D46067

Trichromacy



Original Color
D16715

Protanomaly
AB7B1A

Deuteranomaly
B77608

Tritanomaly
D36349

Monochromacy



Original Color
D16715

Achromatopsia
7D7D7D

Achromatomaly
9C7557

CSS Examples

Text

The CSS property to change the color of the text to Hex D16715 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 #D16715 looks like.

```
.text, #text, p{  
    color:#D16715  
}
```

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 #D16715 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D16715
}
```

Border

The CSS property to change the border of an element to Hex D16715 is called "border". The border property can be set on classes, ids or directly on the HTML element.

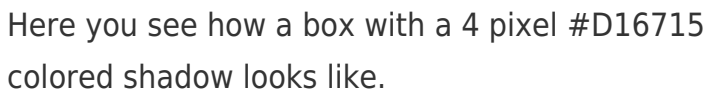
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D16715 }
```

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

```
.border{ border-color:#D16715 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, offset to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #D16715 colored shadow looks like."

Here you see how a box with a 4 pixel #D16715 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D16715; -webkit-box-shadow:4px 4px  
4px 4px #D16715; box-shadow:4px 4px 4px  
4px #D16715 }
```

Background

The CSS property to change the background color of an element to Hex D16715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D16715 }
```

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

```
.background{ background-color:#D16715 }
```

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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