

Converting Colors

Hex(D16635)

Have a look what the booklet for
Hex(D16635) contains.

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Color

Hex(D16635)

Conversions

Conversions Part 1

Format	Color
Hex	D16635
RGB	209, 102, 53
RGB Percent	82%, 40%, 21%
CMY	0.1804, 0.6000, 0.7922
CMYK	0.00, 0.51, 0.75, 0.18
HSL	19°, 63%, 51%
HSV	19°, 75%, 82%
XYZ	31.6885, 23.3151, 6.1983
YIQ	128.4070, 79.5010, 7.4450

Conversions

Conversions Part 2

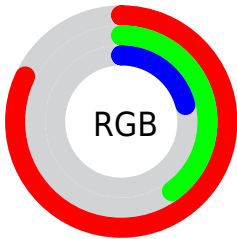
Format	Color
R_{YB}	209, 124, 53
Decimal	13723189
CIE _{Lab}	55.40, 38.96, 46.16
CIE _{LCh}	55, 60.406, 49.831
Yxy	23.3151, 0.5178, 0.3810
Android (android.graphics.Color)	4291913269 (0xFFD16635)
YUV	128.4070, -37.1757, 70.6801
Hunter-Lab	48.2857, 32.6442, 26.1892

Details

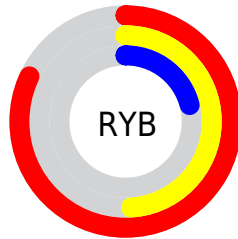
The Hex color **D16635** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **35A0D1**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF9B66**, and **943302** is the 20% darker color. If you saturate the color by 10%, you get **D15820**, and if you desaturate by 10%, it is **D1744A**.

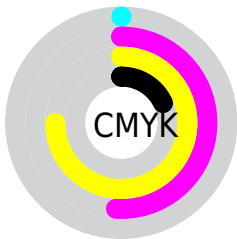
Distribution



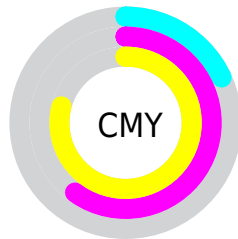
- Red (82%)
- Green (40%)
- Blue (21%)



- Red (82%)
- Yellow (49%)
- Blue (21%)



- Cyan (0%)
- Magenta (51%)
- Yellow (75%)
- Black (18%)



- Cyan (18%)
- Magenta (60%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color D16635 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 D16635 by changing the saturation by 10% instead.

 D16635

 D16635

FFFFFF

 B24C1D

 FF9B66

 943302

 FFB680

 771900

 FFD39A

 590000

 FFEFB6

 3D0000

 FFFFD2

 210001

 FFFFEE

 000000

 D16635

 D16635

 D15820

 D1744A

 D1490B

 D1835F

 D14200

 D19174

 D19F89

 D1AE9E

 D1BCB2

 D1CAC7

 D1D9DC

 D1E7F1

Harmonies

Analogous

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



E25364



D16635



AD7C0A

Triad

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



D16635



009C70



607EE8

Complementary

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



D16635



35A0D1

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.



0090EC



D16635



009DA7

Square

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



D16635



3A973C



009AD4



B267C9

Rectangle

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



D16635



8E8802



009AD4



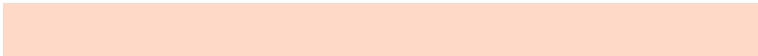
2885EC

Sweetspot

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



D16635



FFD9C7



D135A2



80695E



000000



808080

Same Dimension

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



D16635



FF6219



D1B235



69615E



A83500



290D00

Inverse Universe

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



35A0D1



19B7FF



3554D1



5E6569



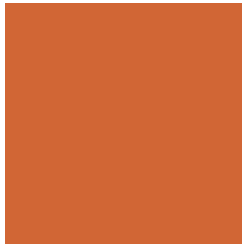
0073A8



001C29

Previews

White Background



This preview shows how the Hex color D16635 looks on a white background.

Color Contrast Check

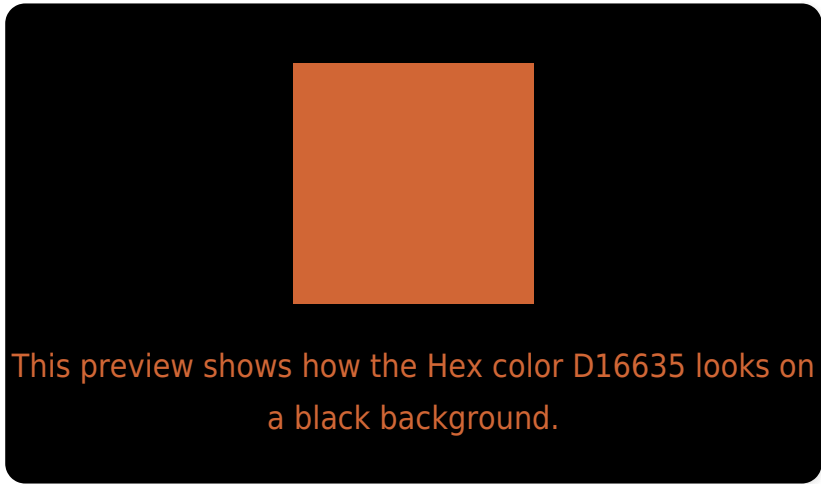
Large Text (above 18pt) WCAG AA ✓ Pass

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 D16635 Background



This preview shows how black text looks on a background with the Hex color D16635.



This preview shows how white text looks on a background with the Hex color D16635.

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](#).

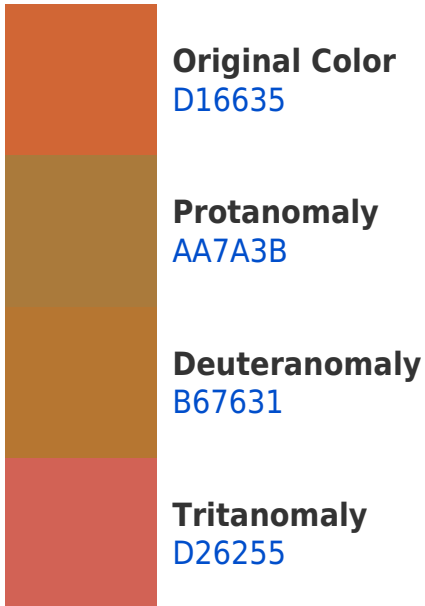
Dichromacy



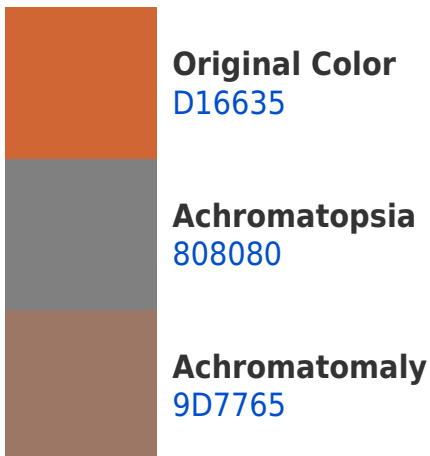


Tritanopia
D36067

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D16635 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 #D16635 looks like.

```
.text, #text, p{  
    color:#D16635  
}
```

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 #D16635 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D16635
}
```

Border

The CSS property to change the border of an element to Hex D16635 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
#D16635 }
```

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

```
.border{ border-color:#D16635 }
```

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

Here you see how a box with a 4 pixel #D16635 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D16635; -webkit-box-shadow:4px 4px  
4px 4px #D16635; box-shadow:4px 4px 4px  
4px #D16635 }
```

Background

The CSS property to change the background color of an element to Hex D16635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D16635 }
```

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

```
.background{ background-color:#D16635 }
```

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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