

Converting Colors

Hex(D16340)

Have a look what the booklet for
Hex(D16340) contains.

| | |
|--|----|
| Hex(D16340) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(D16340)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D16340 |
| RGB | 209, 99, 64 |
| RGB Percent | 82%, 39%, 25% |
| CMY | 0.1804, 0.6118, 0.7490 |
| CMYK | 0.00, 0.53, 0.69, 0.18 |
| HSL | 14°, 61%, 54% |
| HSV | 14°, 69%, 82% |
| XYZ | 31.6817, 22.8492, 7.5910 |
| YIQ | 127.9000, 76.7950, 12.4350 |

Conversions

Conversions Part 2

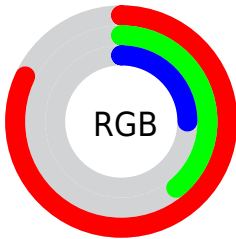
| Format | Color |
|--|---|
| RYB | 209, 110, 64 |
| Decimal | 13722432 |
| CIELab | 54.92, 41.00, 39.96 |
| CIELCh | 55, 57.251, 44.258 |
| Yxy | 22.8492, 0.5100, 0.3678 |
| Android (android.graphics.Color) | 4291912512 (0xFFD16340) |
| YUV | 127.9000, -31.5027, 71.1247 |
| Hunter-Lab | 47.8008, 34.6561, 24.0450 |

Details

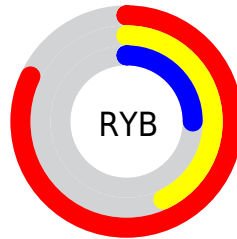
The Hex color **D16340** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **40AED1**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF9871**, and **943012** is the 20% darker color. If you saturate the color by 10%, you get **D1532B**, and if you desaturate by 10%, it is **D17355**.

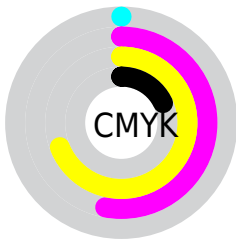
Distribution



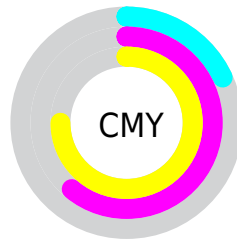
- Red (82%)
- Green (39%)
- Blue (25%)



- Red (82%)
- Yellow (43%)
- Blue (25%)



- Cyan (0%)
- Magenta (53%)
- Yellow (69%)
- Black (18%)



- Cyan (18%)
- Magenta (61%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color D16340 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 D16340 by changing the saturation by 10% instead.

 D16340

 D16340

FFFFFF

 B34929

 FF9871

 943012

 FFB48B

 771300

 FFD0A6

 5A0000

 FFECC1

 3D0000

 FFFFDD

 210001

 FFFFFA

 000000

 D16340

 D16340

 D1532B

 D17355

 D14316

 D1836A

 D13301

 D1937F

 D13200

 D1A294

 D1B2A9

 D1C2BD

 D1D2D2

 D1E2E7

 D1F2FC

Harmonies

Analogous

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



DD546E



D16340



B2781B

Triad

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



D16340



009967



4D81E4

Complementary

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



D16340



40AED1

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.



0090E3



D16340



009B9A

Square

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



D16340



4D9337



0098C8



A46CCB

Rectangle

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



D16340



96830F



0098C8



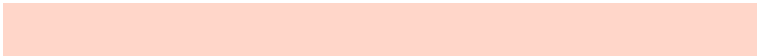
0087E7

Sweetspot

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



D16340



FFD6C9



D140AF



806760



000000



808080

Same Dimension

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



D16340



FF5E2B



D1AA40



69615E



A82900



290A00

Inverse Universe

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



40AED1



2BCCFF



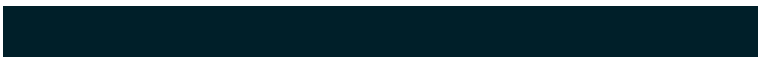
4067D1



5E6669



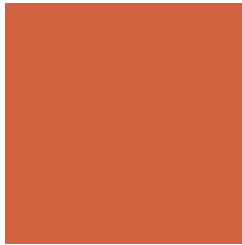
0080A8



001F29

Previews

White Background



This preview shows how the Hex color D16340 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

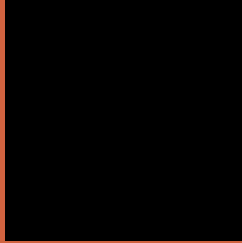
Any Text WCAG AA ✓ Pass

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 D16340 Background



This preview shows how black text looks on a background with the Hex color D16340.



This preview shows how white text looks on a background with the Hex color D16340.

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
D16340

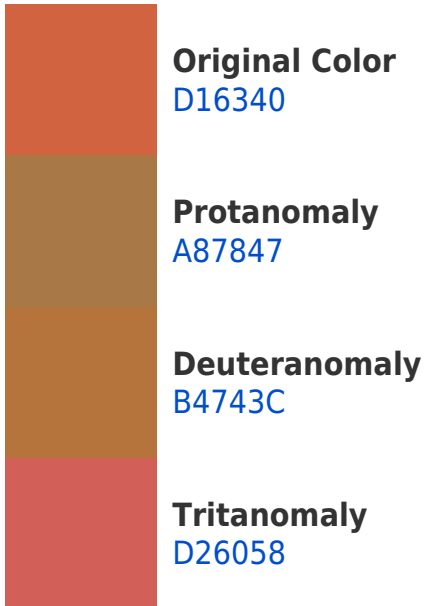
Protanopia
91844B

Deuteranopia
A37E3A

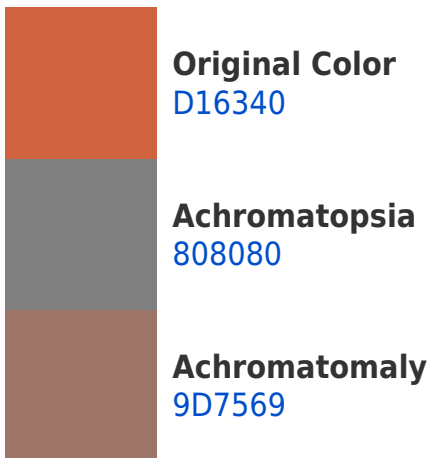


Tritanopia
D35E65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D16340 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 #D16340 looks like.

```
.text, #text, p{  
    color:#D16340  
}
```

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 #D16340 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D16340
}
```

Border

The CSS property to change the border of an element to Hex D16340 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
#D16340 }
```

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

```
.border{ border-color:#D16340 }
```

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

Here you see how a box with a 4 pixel #D16340 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D16340; -webkit-box-shadow:4px 4px  
4px 4px #D16340; box-shadow:4px 4px 4px  
4px #D16340 }
```

Background

The CSS property to change the background color of an element to Hex D16340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D16340 }
```

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

```
.background{ background-color:#D16340 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor