

Converting Colors

Hex(D3714C)

Have a look what the booklet for
Hex(D3714C) contains.

Hex(D3714C)	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(D3714C)

Conversions

Conversions Part 1

Format	Color
Hex	D3714C
RGB	211, 113, 76
RGB Percent	83%, 44%, 30%
CMY	0.1725, 0.5569, 0.7020
CMYK	0.00, 0.46, 0.64, 0.17
HSL	16°, 61%, 56%
HSV	16°, 64%, 83%
XYZ	34.0736, 26.1809, 10.0950
YIQ	138.0840, 70.2850, 9.2690

Conversions

Conversions Part 2

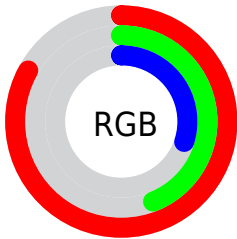
Format	Color
R_{YB}	211, 127, 76
Decimal	13857100
CIE _{Lab}	58.21, 35.33, 37.43
CIE _{LCh}	58, 51.466, 46.651
Yxy	26.1809, 0.4843, 0.3722
Android (android.graphics.Color)	4292047180 (0xFFD3714C)
YUV	138.0840, -30.6074, 63.9473
Hunter-Lab	51.1673, 29.3248, 24.1195

Details

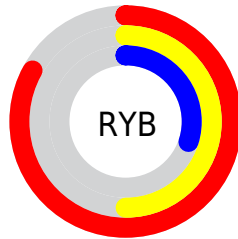
The Hex color **D3714C** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **4CAED3**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFA67E**, and **973F1E** is the 20% darker color. If you saturate the color by 10%, you get **D36237**, and if you desaturate by 10%, it is **D38061**.

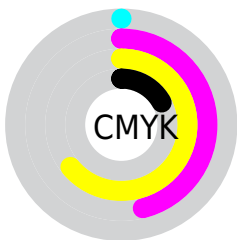
Distribution



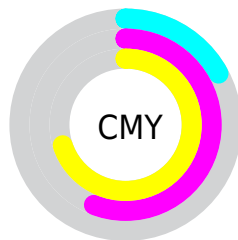
- Red (83%)
- Green (44%)
- Blue (30%)



- Red (83%)
- Yellow (50%)
- Blue (30%)



- Cyan (0%)
- Magenta (46%)
- Yellow (64%)
- Black (17%)



- Cyan (17%)
- Magenta (56%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3714C 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 D3714C by changing the saturation by 10% instead.

 D3714C

 D3714C

FFFFFF

 B55734

 FFA67E

 973F1E

 FFC298

 7A2606

 FFDEB3

 5E0A00

 FFFBCF

 410000

 FFFFEB

 290001

 000000

 D3714C

 D3714C

 D36237

 D38061

 D35222

 D39076

 D3430D

 D39F8B

 D33A00

 D3AEA0

 D3BEB6

 D3CDCB

 D3DCE0

 D3ECF5

 D3FBFF

Harmonies

Analogous

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



DF6475



D3714C



B68230

Triad

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



D3714C



00A176



6A88E2

Complementary

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



D3714C



4CAED3

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.



0097E3



D3714C



00A2A4

Square

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



D3714C



599B4B



009FCC



AF76CA

Rectangle

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



D3714C



9B8D2C



009FCC



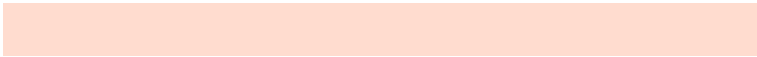
458EE5

Sweetspot

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



D3714C



FFDCCF



D34CAF



806A62



000000



808080

Same Dimension

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



D3714C



FF703B



D3B34C



69615E



A82E00



290B00

Inverse Universe

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



4CAED3



3BC9FF



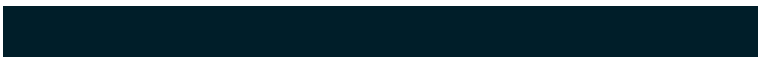
4C6CD3



5E6669



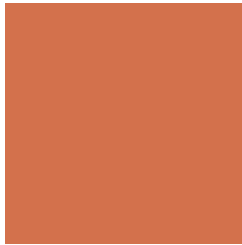
007AA8



001E29

Previews

White Background



This preview shows how the Hex color D3714C looks on a white background.

Color Contrast Check

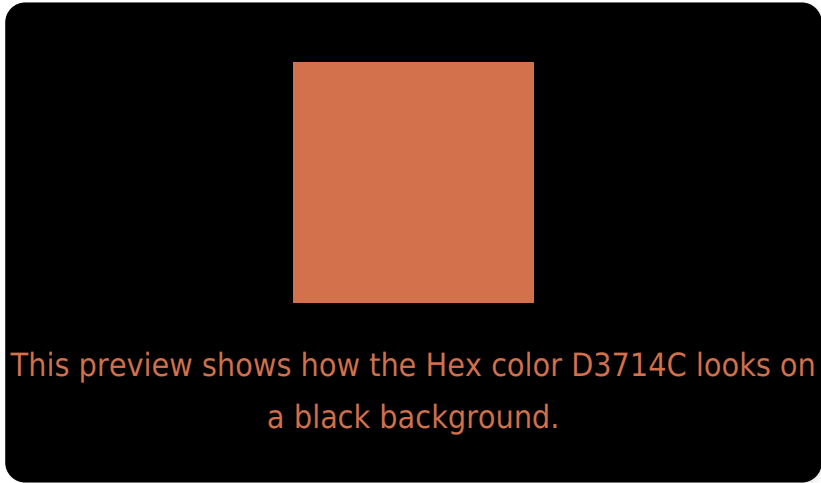
Large Text (above 18pt) WCAG AA ✓ Pass

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

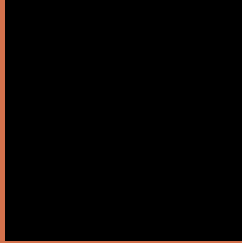
Any Text WCAG AA ✓ Pass

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 D3714C Background



This preview shows how black text looks on a background with the Hex color D3714C.



This preview shows how white text looks on a background with the Hex color D3714C.

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
D3714C

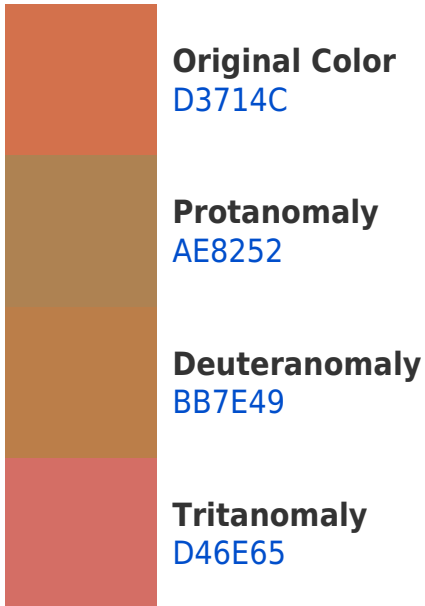
Protanopia
998C56

Deuteranopia
AD8648

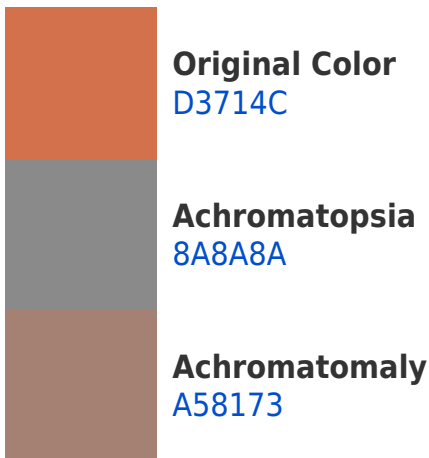


Tritanopia
D56C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D3714C 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 #D3714C looks like.

```
.text, #text, p{  
    color:#D3714C  
}
```

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 #D3714C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3714C
}
```

Border

The CSS property to change the border of an element to Hex D3714C 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
#D3714C }
```

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

```
.border{ border-color:#D3714C }
```

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

Here you see how a box with a 4 pixel #D3714C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3714C; -webkit-box-shadow:4px 4px  
4px 4px #D3714C; box-shadow:4px 4px 4px  
4px #D3714C }
```

Background

The CSS property to change the background color of an element to Hex D3714C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3714C }
```

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

```
.background{ background-color:#D3714C }
```

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