

Converting Colors

Hex(D38714)

Have a look what the booklet for
Hex(D38714) contains.

Hex(D38714)	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(D38714)

Conversions

Conversions Part 1

Format	Color
Hex	D38714
RGB	211, 135, 20
RGB Percent	83%, 53%, 8%
CMY	0.1725, 0.4706, 0.9216
CMYK	0.00, 0.36, 0.91, 0.17
HSL	36°, 83%, 45%
HSV	36°, 91%, 83%
XYZ	35.6542, 31.2273, 4.8101
YIQ	144.6140, 82.2110, -19.6530

Conversions

Conversions Part 2

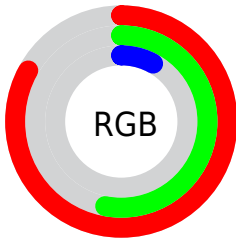
Format	Color
RYB	146, 211, 20
Decimal	13862676
CIELab	62.70, 21.38, 64.99
CIELCh	63, 68.414, 71.788
Yxy	31.2273, 0.4973, 0.4356
Android (android.graphics.Color)	4292052756 (0xFFD38714)
YUV	144.6140, -61.4347, 58.2205
Hunter-Lab	55.8814, 16.0964, 34.0135

Details

The Hex color **D38714** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **1460D3**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFBC50**, and **965500** is the 20% darker color. If you saturate the color by 10%, you get **D37F00**, and if you desaturate by 10%, it is **D38F29**.

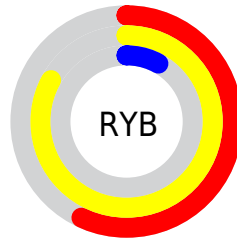
Distribution



Red (83%)

Green (53%)

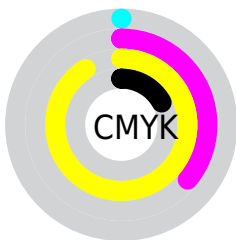
Blue (8%)



Red (57%)

Yellow (83%)

Blue (8%)

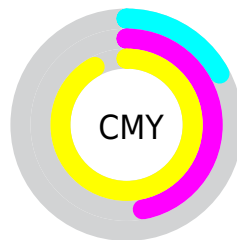


Cyan (0%)

Magenta (36%)

Yellow (91%)

Black (17%)



Cyan (17%)

Magenta (47%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color D38714 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 D38714 by changing the saturation by 10% instead.

 D38714

 D38714

FFFFFF

 B46E00

 FFBC50

 965500

 FFD86B

 793E00

 FFF586

 5C2700

 FFFFA1

 401200

 FFFFBD

 280000

 FFFFDA

 000000

 FFFFF7

 D38714

 D38714

 D37F00

 D38F29

 D3983E

 D3A053

 D3A968

 D3B17D

 D3B993

 D3C2A8

 D3CABD

 D3D3D2

Harmonies

Analogous

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



F86D49



D38714



9F9C00

Triad

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



D38714



00B4AF



B97CF3

Complementary

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



D38714



1460D3

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.



3997FF



D38714



00B2E8

Square

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



D38714



00B16F



00A9FF



F262BF

Rectangle

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



D38714



74A621



00A9FF



9B86FF

Sweetspot

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



D38714



FFE4BA



D31460



806F57



000000



808080

Same Dimension

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



D38714



FF9A00



C0D314



69645E



A86500



291900

Inverse Universe

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



1460D3



0065FF



2714D3



5E6269



0043A8



001029

Previews

White Background



This preview shows how the Hex color D38714 looks on a white background.

Color Contrast Check

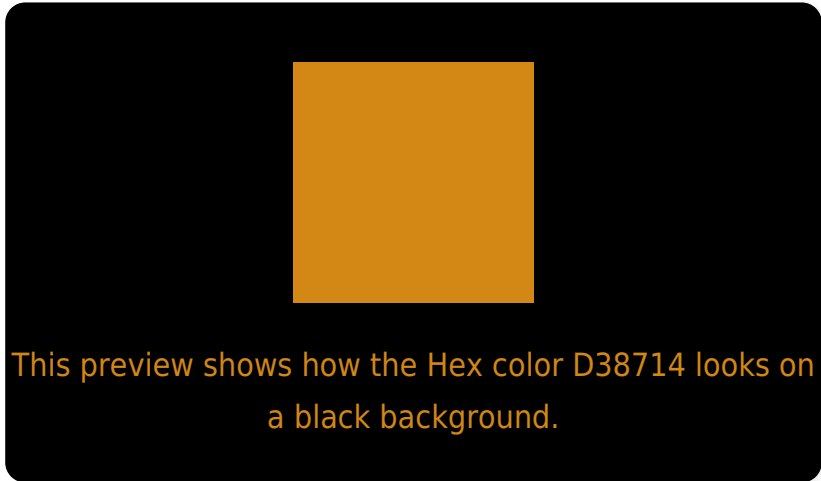
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D38714 Background



This preview shows how black text looks on a background with the Hex color D38714.



This preview shows how white text looks on a background with the Hex color D38714.

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
D38714

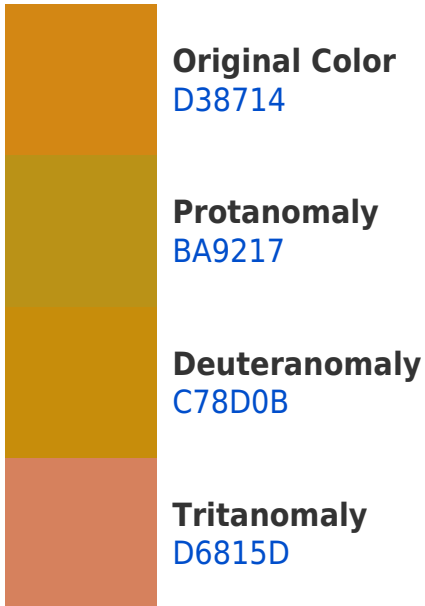
Protanopia
AB9819

Deuteranopia
C09006

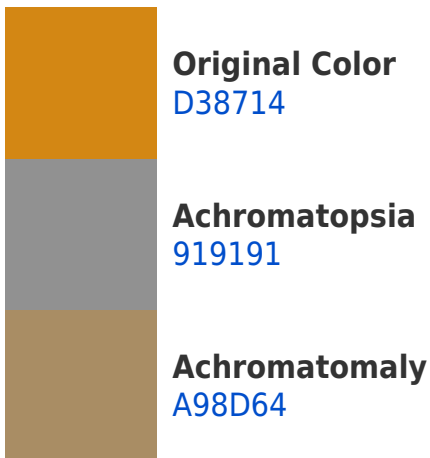


Tritanopia
D87E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D38714 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 #D38714 looks like.

```
.text, #text, p{  
    color:#D38714  
}
```

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 #D38714 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D38714
}
```

Border

The CSS property to change the border of an element to Hex D38714 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
#D38714 }
```

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

```
.border{ border-color:#D38714 }
```

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

Here you see how a box with a 4 pixel #D38714 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D38714; -webkit-box-shadow:4px 4px  
4px 4px #D38714; box-shadow:4px 4px 4px  
4px #D38714 }
```

Background

The CSS property to change the background color of an element to Hex D38714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D38714 }
```

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

```
.background{ background-color:#D38714 }
```

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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