

Converting Colors

Hex(D38904)

Have a look what the booklet for
Hex(D38904) contains.

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Color

Hex(D38904)

Conversions

Conversions Part 1

Format	Color
Hex	D38904
RGB	211, 137, 4
RGB Percent	83%, 54%, 2%
CMY	0.1725, 0.4627, 0.9843
CMYK	0.00, 0.35, 0.98, 0.17
HSL	39°, 96%, 42%
HSV	39°, 98%, 83%
XYZ	35.8315, 31.7490, 4.3545
YIQ	143.9640, 86.7970, -25.6750

Conversions

Conversions Part 2

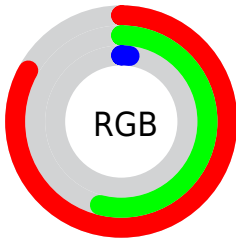
Format	Color
R _Y B	119, 211, 4
Decimal	13863172
CIE Lab	63.13, 20.10, 68.04
CIE LCh	63, 70.951, 73.543
Yxy	31.7490, 0.4981, 0.4414
Android (android.graphics.Color)	4292053252 (0xFFD38904)
YUV	143.9640, -69.0023, 58.7906
Hunter-Lab	56.3462, 14.9054, 34.8604

Details

The Hex color **D38904** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **044ED3**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFBE49**, and **965700** is the 20% darker color. If you saturate the color by 10%, you get **D38800**, and if you desaturate by 10%, it is **D39119**.

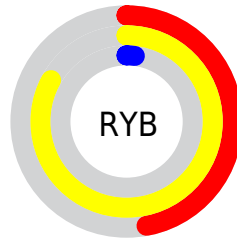
Distribution



Red (83%)

Green (54%)

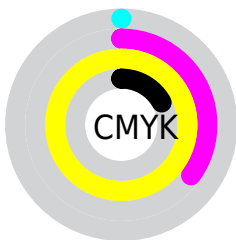
Blue (2%)



Red (47%)

Yellow (83%)

Blue (2%)

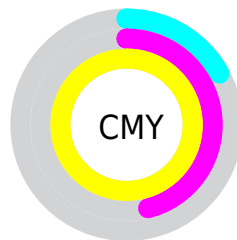


Cyan (0%)

Magenta (35%)

Yellow (98%)

Black (17%)



Cyan (17%)

Magenta (46%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color D38904 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 D38904 by changing the saturation by 10% instead.

 D38904

 D38904

FFFFFF

 B47000

 FFBE49

 965700

 FFDA65

 794000

 FFF780

 5C2900

 FFFF9C

 401400

 FFFFB8

 280000

 FFFFD5

 000000

 FFFFF2

 D38904

 D38904

 D38800

 D39119

 D3982E

 D3A043

 D3A758

 D3AF6E

 D3B683

 D3BE98

 D3C5AD

 D3CDC2

Harmonies

Analogous

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



FA6D44



D38904



9C9F00

Triad

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



D38904



00B6B5



BF7AF5

Complementary

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



D38904



044ED3

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.



4097FF



D38904



00B3EF

Square

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



D38904



00B473



00AAFF



F85EBE

Rectangle

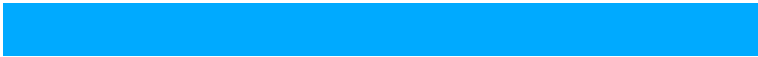
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D38904



6FA91F



00AAFF



A284FF

Sweetspot

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



D38904



FFE5B5



D30450



807053



000000



808080

Same Dimension

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



D38904



FFA400



B7D304



69655E



A86C00



291A00

Inverse Universe

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



044ED3



005BFF



2004D3



5E6269



003CA8



000F29

Previews

White Background



This preview shows how the Hex color D38904 looks on a white background.

Color Contrast Check

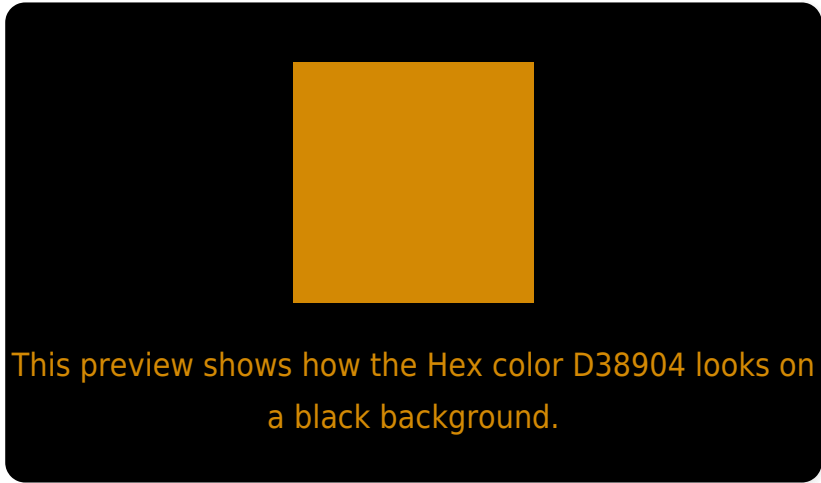
Large Text (above 18pt) WCAG AA × Fail

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 D38904 Background



This preview shows how black text looks on a background with the Hex color D38904.



This preview shows how white text looks on a background with the Hex color D38904.

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
D38904

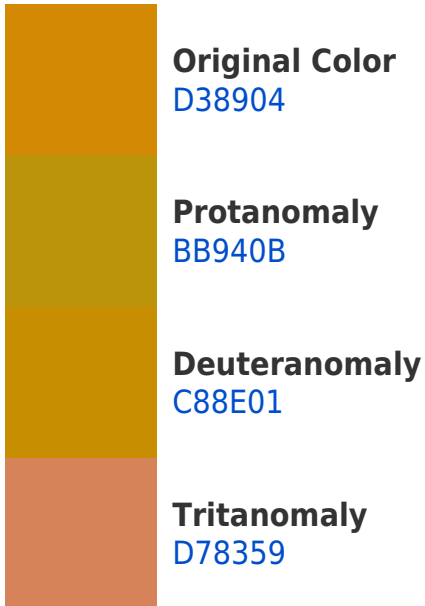
Protanopia
AD9A0F

Deuteranopia
C29100

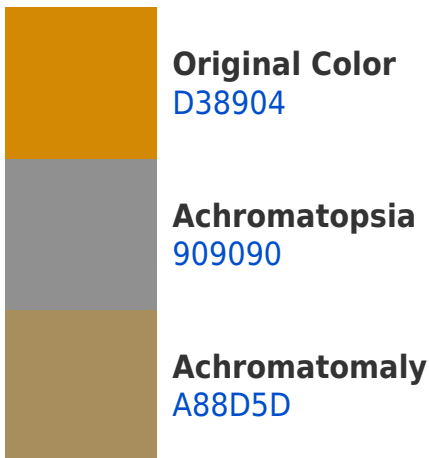


Tritanopia
D97F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D38904 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 #D38904 looks like.

```
.text, #text, p{  
    color:#D38904  
}
```

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 #D38904 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D38904
}
```

Border

The CSS property to change the border of an element to Hex D38904 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
#D38904 }
```

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

```
.border{ border-color:#D38904 }
```

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

Here you see how a box with a 4 pixel #D38904 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D38904; -webkit-box-shadow:4px 4px  
4px 4px #D38904; box-shadow:4px 4px 4px  
4px #D38904 }
```

Background

The CSS property to change the background color of an element to Hex D38904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D38904 }
```

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

```
.background{ background-color:#D38904 }
```

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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