

Converting Colors

Hex(D89F49)

Have a look what the booklet for
Hex(D89F49) contains.

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Color

Hex(D89F49)

Conversions

Conversions Part 1

Format	Color
Hex	D89F49
RGB	216, 159, 73
RGB Percent	85%, 62%, 29%
CMY	0.1529, 0.3765, 0.7137
CMYK	0.00, 0.26, 0.66, 0.15
HSL	36°, 65%, 57%
HSV	36°, 66%, 85%
XYZ	41.9196, 39.8762, 11.7908
YIQ	166.2390, 61.5780, -14.6620

Conversions

Conversions Part 2

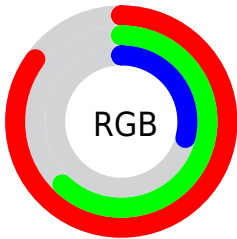
Format	Color
RYB	168, 216, 73
Decimal	14196553
CIELab	69.38, 12.57, 51.88
CIELCh	69, 53.382, 76.378
Yxy	39.8762, 0.4479, 0.4261
Android (android.graphics.Color)	4292386633 (0xFFD89F49)
YUV	166.2390, -45.9668, 43.6404
Hunter-Lab	63.1476, 7.9862, 33.1328

Details

The Hex color **D89F49** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4982D8**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFD67D**, and **9D6C13** is the 20% darker color. If you saturate the color by 10%, you get **D89633**, and if you desaturate by 10%, it is **D8A85F**.

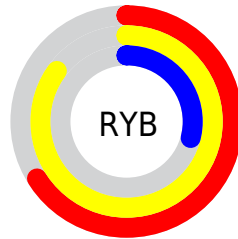
Distribution



Red (85%)

Green (62%)

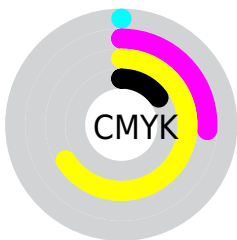
Blue (29%)



Red (66%)

Yellow (85%)

Blue (29%)

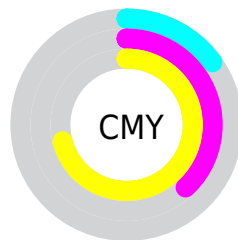


Cyan (0%)

Magenta (26%)

Yellow (66%)

Black (15%)



Cyan (15%)

Magenta (38%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color D89F49 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 D89F49 by changing the saturation by 10% instead.

 D89F49

 D89F49

FFFFFF

 BA852F

 FFD67D

 9D6C13

 FFF298

 815400

 FFFFB3

 653C00

 FFFFCE

 492700

 FFFFEC

 2F1300

 160000

 000000

 D89F49

 D89F49

 D89633

 D8A85F

 D88E1E

 D8B074

 D88508

 D8B98A

 D88200

 D8C19F

 D8CAB5

 D8D3CB

 D8DBE0

 D8E4F6

 D8ECFF

Harmonies

Analogous

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



F88D65



D89F49



ACAF48

Triad

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



D89F49



00C2C3



CF92ED

Complementary

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



D89F49



4982D8

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.



87A5FF



D89F49



00BEEE

Square

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



D89F49



00C091



00B5FF



F883C2

Rectangle

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



D89F49



88B758



00B5FF



BA99F8

Sweetspot

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



D89F49



FFEBCB



D84982



807361



000000



808080

Same Dimension

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



D89F49



FFAF36



CAD849



6B6760



AB6700



2B1A00

Inverse Universe

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



4982D8



3686FF



5749D8



60656B



0044AB



00112B

Previews

White Background



This preview shows how the Hex color D89F49 looks on a white background.

Color Contrast Check

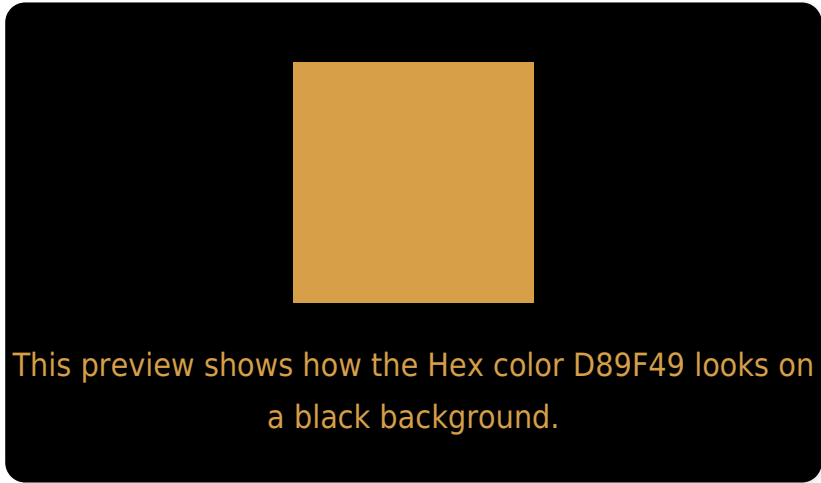
Large Text (above 18pt) WCAG AA × Fail

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 D89F49 Background



This preview shows how black text looks on a background with the Hex color D89F49.



This preview shows how white text looks on a background with the Hex color D89F49.

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
D89F49

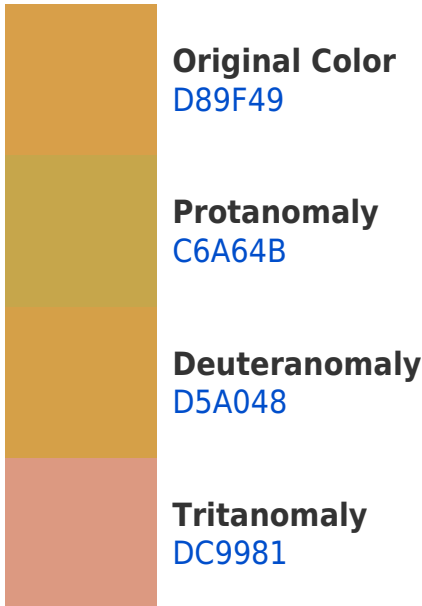
Protanopia
BCAA4C

Deuteranopia
D3A148

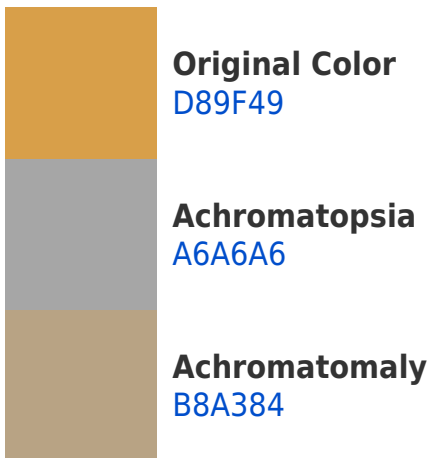


Tritanopia
DE96A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D89F49 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 #D89F49 looks like.

```
.text, #text, p{  
    color:#D89F49  
}
```

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 #D89F49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D89F49
}
```

Border

The CSS property to change the border of an element to Hex D89F49 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
#D89F49 }
```

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

```
.border{ border-color:#D89F49 }
```

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

Here you see how a box with a 4 pixel #D89F49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D89F49; -webkit-box-shadow:4px 4px  
4px 4px #D89F49; box-shadow:4px 4px 4px  
4px #D89F49 }
```

Background

The CSS property to change the background color of an element to Hex D89F49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D89F49 }
```

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

```
.background{ background-color:#D89F49 }
```

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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