

Converting Colors

Hex(D89A04)

Have a look what the booklet for
Hex(D89A04) contains.

Hex(D89A04)	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(D89A04)

Conversions

Conversions Part 1

Format	Color
Hex	D89A04
RGB	216, 154, 4
RGB Percent	85%, 60%, 2%
CMY	0.1529, 0.3961, 0.9843
CMYK	0.00, 0.29, 0.98, 0.15
HSL	42°, 96%, 43%
HSV	42°, 98%, 85%
XYZ	39.8964, 37.7189, 5.2926
YIQ	155.4380, 85.1020, -33.5060

Conversions

Conversions Part 2

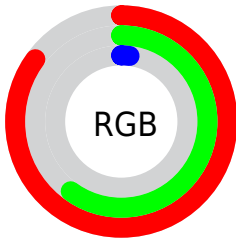
Format	Color
R _Y B	92, 216, 4
Decimal	14195204
CIE Lab	67.81, 13.11, 71.51
CIE LCh	68, 72.706, 79.613
Yxy	37.7189, 0.4812, 0.4549
Android (android.graphics.Color)	4292385284 (0xFFD89A04)
YUV	155.4380, -74.6589, 53.1129
Hunter-Lab	61.4157, 8.4783, 37.8816

Details

The Hex color **D89A04** 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 **0442D8**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFD04D**, and **9B6700** is the 20% darker color. If you saturate the color by 10%, you get **D89900**, and if you desaturate by 10%, it is **D8A01A**.

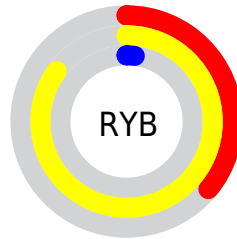
Distribution



Red (85%)

Green (60%)

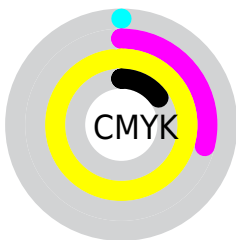
Blue (2%)



Red (36%)

Yellow (85%)

Blue (2%)

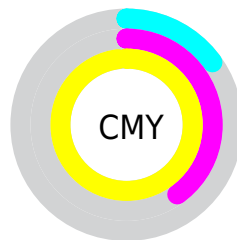


Cyan (0%)

Magenta (29%)

Yellow (98%)

Black (15%)



Cyan (15%)

Magenta (40%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color D89A04 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 D89A04 by changing the saturation by 10% instead.

 D89A04

 D89A04

FFFFFF

 B98000

 FFD04D

 9B6700

 FFEC69

 7E4F00

 FFFF85

 613900

 FFFFA1

 462300

 FFFFBD

 2C0F00

 FFFFDA

 0A0000

 FFFFF7

 000000

 D89A04

 D89A04

 D89900

 D8A01A

 D8A72F

 D8AD45

 D8B35A

 D8BA70

 D8C086

 D8C69B

 D8CDB1

 D8D3C6

Harmonies

Analogous

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



FF7E42



D89A04



9CAF08

Triad

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



D89A04



00C4CF



DD80FB

Complementary

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



D89A04



0442D8

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.



759DFF



D89A04



00C0FF

Square

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



D89A04



00C28B



00B3FF



FF66BF

Rectangle

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



D89A04



69B835



00B3FF



C28AFF

Sweetspot

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



D89A04



FFE9B5



D80444



807253



000000



808080

Same Dimension

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



D89A04



FFB400



AED804



6B6860



AB7900



2B1F00

Inverse Universe

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



0442D8



004BFF



2E04D8



60646B



0032AB



000D2B

Previews

White Background



This preview shows how the Hex color D89A04 looks on a white background.

Color Contrast Check

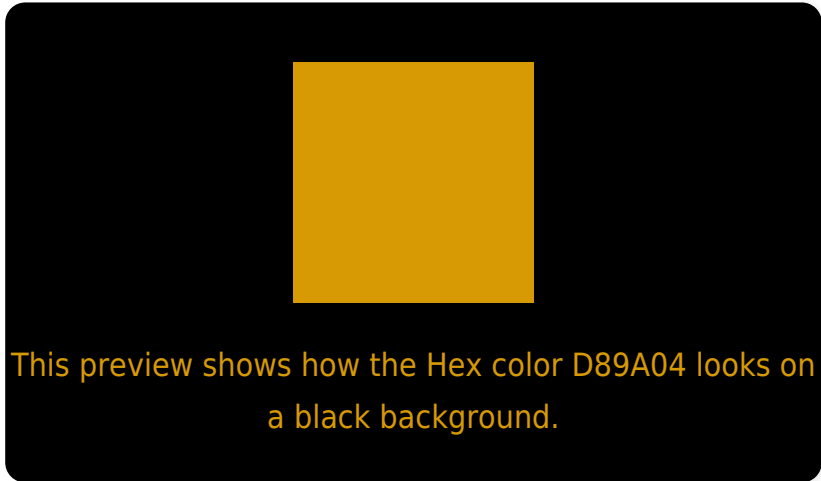
Large Text (above 18pt) WCAG AA × Fail

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 D89A04 Background



This preview shows how black text looks on a background with the Hex color D89A04.



This preview shows how white text looks on a background with the Hex color D89A04.

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
D89A04

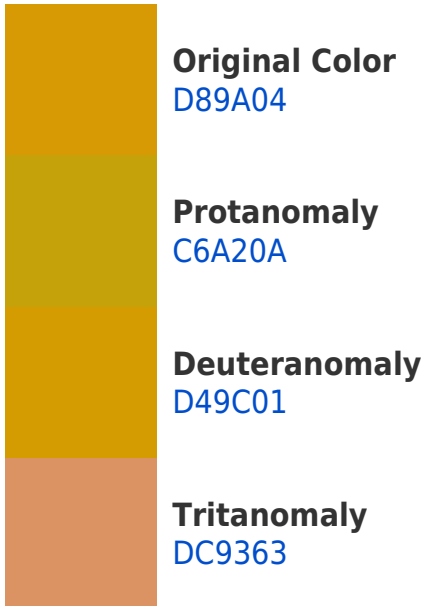
Protanopia
BBA60E

Deuteranopia
D19D00

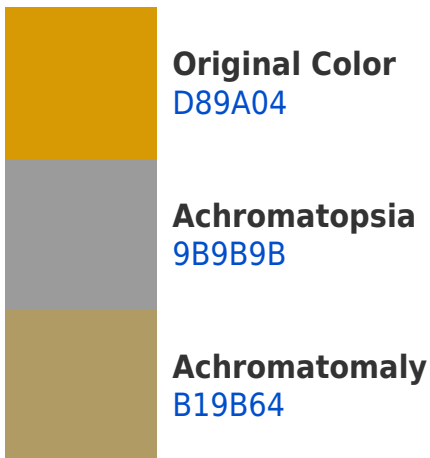


Tritanopia
DF8F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D89A04 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 #D89A04 looks like.

```
.text, #text, p{  
    color:#D89A04  
}
```

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 #D89A04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D89A04
}
```

Border

The CSS property to change the border of an element to Hex D89A04 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
#D89A04 }
```

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

```
.border{ border-color:#D89A04 }
```

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

Here you see how a box with a 4 pixel #D89A04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D89A04; -webkit-box-shadow:4px 4px  
4px 4px #D89A04; box-shadow:4px 4px 4px  
4px #D89A04 }
```

Background

The CSS property to change the background color of an element to Hex D89A04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D89A04 }
```

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

```
.background{ background-color:#D89A04 }
```

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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