

Converting Colors

Hex(D49711)

Have a look what the booklet for
Hex(D49711) contains.

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Color

Hex(D49711)

Conversions

Conversions Part 1

Format	Color
Hex	D49711
RGB	212, 151, 17
RGB Percent	83%, 59%, 7%
CMY	0.1686, 0.4078, 0.9333
CMYK	0.00, 0.29, 0.92, 0.17
HSL	41°, 85%, 45%
HSV	41°, 92%, 83%
XYZ	38.3192, 36.1707, 5.4923
YIQ	153.9630, 79.3700, -28.7420

Conversions

Conversions Part 2

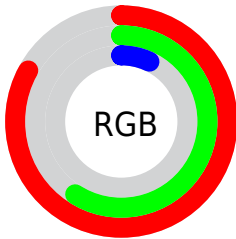
Format	Color
RYB	106, 212, 17
Decimal	13932305
CIELab	66.65, 13.12, 68.60
CIElCh	67, 69.846, 79.173
Yxy	36.1707, 0.4791, 0.4522
Android (android.graphics.Color)	4292122385 (0xFFD49711)
YUV	153.9630, -67.5228, 50.8984
Hunter-Lab	60.1421, 8.4814, 36.6850

Details

The Hex color **D49711** 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 **114ED4**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFCD51**, and **986400** is the 20% darker color. If you saturate the color by 10%, you get **D49200**, and if you desaturate by 10%, it is **D49E26**.

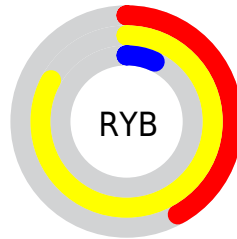
Distribution



Red (83%)

Green (59%)

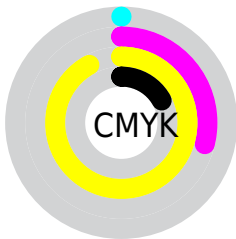
Blue (7%)



Red (42%)

Yellow (83%)

Blue (7%)

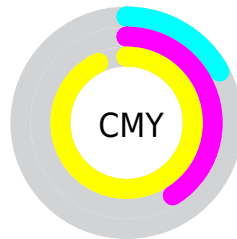


Cyan (0%)

Magenta (29%)

Yellow (92%)

Black (17%)



Cyan (17%)

Magenta (41%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color D49711 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 D49711 by changing the saturation by 10% instead.

 D49711

 D49711

FFFFFF

 B67D00

 FFCD51

 986400

 FFE96C

 7B4D00

 FFFF88

 5E3600

 FFFFA4

 432100

 FFFFC0

 290C00

 FFFFDD

 000000

 FFFFFA

 D49711

 D49711

 D49200

 D49E26

 D4A43B

 D4AB51

 D4B266

 D4B87B

 D4BF90

 D4C5A5

 D4CCBB

 D4D3D0

Harmonies

Analogous

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



FE7D44



D49711



9BAB13

Triad

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



D49711



00BFCA



D77FF5

Complementary

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



D49711



114ED4

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.



739BFF



D49711



00BBFF

Square

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



D49711



00BE88



00B0FF



FF67BC

Rectangle

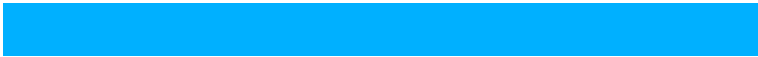
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D49711



6BB437



00B0FF



BD89FF

Sweetspot

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



D49711



FFE9B8



D4114F



807254



000000



808080

Same Dimension

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



D49711



FFAF00



B0D411



6B6860



AB7500



2B1E00

Inverse Universe

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



114ED4



0050FF



3511D4



60646B



0035AB



000E2B

Previews

White Background



This preview shows how the Hex color D49711 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 D49711 Background



This preview shows how black text looks on a background with the Hex color D49711.



This preview shows how white text looks on a background with the Hex color D49711.

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
D49711

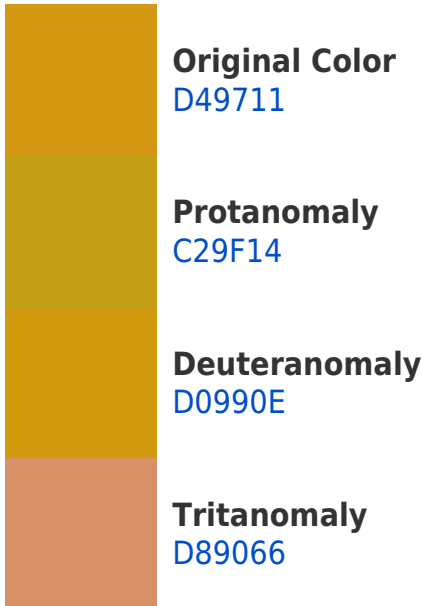
Protanopia
B7A315

Deuteranopia
CD9A0D

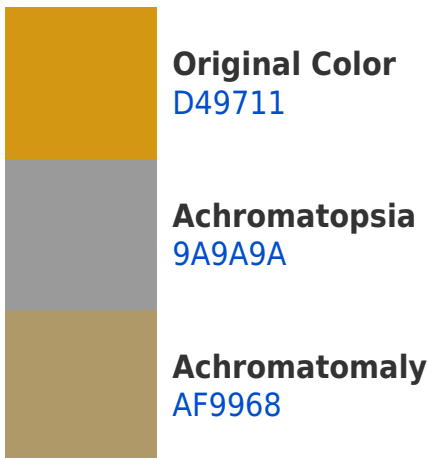


Tritanopia
DB8C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D49711 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 #D49711 looks like.

```
.text, #text, p{  
    color:#D49711  
}
```

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 #D49711 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D49711
}
```

Border

The CSS property to change the border of an element to Hex D49711 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
#D49711 }
```

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

```
.border{ border-color:#D49711 }
```

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

Here you see how a box with a 4 pixel #D49711 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D49711; -webkit-box-shadow:4px 4px  
4px 4px #D49711; box-shadow:4px 4px 4px  
4px #D49711 }
```

Background

The CSS property to change the background color of an element to Hex D49711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D49711 }
```

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

```
.background{ background-color:#D49711 }
```

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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