

Converting Colors

Hex(D59A51)

Have a look what the booklet for
Hex(D59A51) contains.

Hex(D59A51)	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(D59A51)

Conversions

Conversions Part 1

Format	Color
Hex	D59A51
RGB	213, 154, 81
RGB Percent	84%, 60%, 32%
CMY	0.1647, 0.3961, 0.6824
CMYK	0.00, 0.28, 0.62, 0.16
HSL	33°, 61%, 58%
HSV	33°, 62%, 84%
XYZ	40.4814, 37.8514, 12.9570
YIQ	163.3190, 58.5970, -10.1950

Conversions

Conversions Part 2

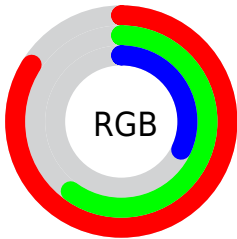
Format	Color
RYB	188, 213, 81
Decimal	13998673
CIELab	67.91, 14.51, 46.30
CIELCh	68, 48.520, 72.604
Yxy	37.8514, 0.4434, 0.4146
Android (android.graphics.Color)	4292188753 (0xFFD59A51)
YUV	163.3190, -40.5833, 43.5702
Hunter-Lab	61.5235, 9.7837, 30.5798

Details

The Hex color **D59A51** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **518CD5**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFD084**, and **9B671F** is the 20% darker color. If you saturate the color by 10%, you get **D5903C**, and if you desaturate by 10%, it is **D5A466**.

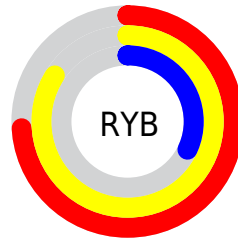
Distribution



Red (84%)

Green (60%)

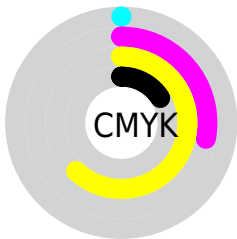
Blue (32%)



Red (74%)

Yellow (84%)

Blue (32%)

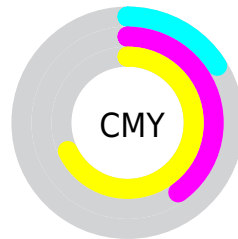


Cyan (0%)

Magenta (28%)

Yellow (62%)

Black (16%)



Cyan (16%)

Magenta (40%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color D59A51 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 D59A51 by changing the saturation by 10% instead.

 D59A51

 D59A51

FFFFFF

 B88038

 FFD084

 9B671F

 FFED9F

 7E4F02

 FFFFBB

 633800

 FFFFD7

 472200

 FFFFF4

 2D0E00

 0E0000

 000000

 D59A51

 D59A51

 D5903C

 D5A466

 D58726

 D5AD7C

 D57D11

 D5B791

 D57600

 D5C0A6

 D5CABB

 D5D3D1

 D5DDE6

 D5E6FB

 D5F0FF

Harmonies

Analogous

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



F08A6C



D59A51



AEA94D

Triad

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



D59A51



00BCB7



C193E6

Complementary

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



D59A51



518CD5

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.



7EA4FB



D59A51



00B9E0

Square

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



D59A51



39BA8A



00B1F8



E984C1

Rectangle

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



D59A51



8FB159



00B1F8



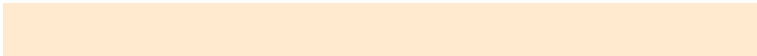
AE99EF

Sweetspot

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



D59A51



FFE9CF



D5518C



807262



000000



808080

Same Dimension

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



D59A51



FFAB42



CED551



6B6660



AB5E00



2B1800

Inverse Universe

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



518CD5



4297FF



5851D5



60656B



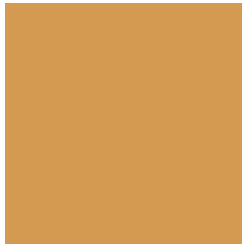
004CAB



00132B

Previews

White Background



This preview shows how the Hex color D59A51 looks on a white background.

Color Contrast Check

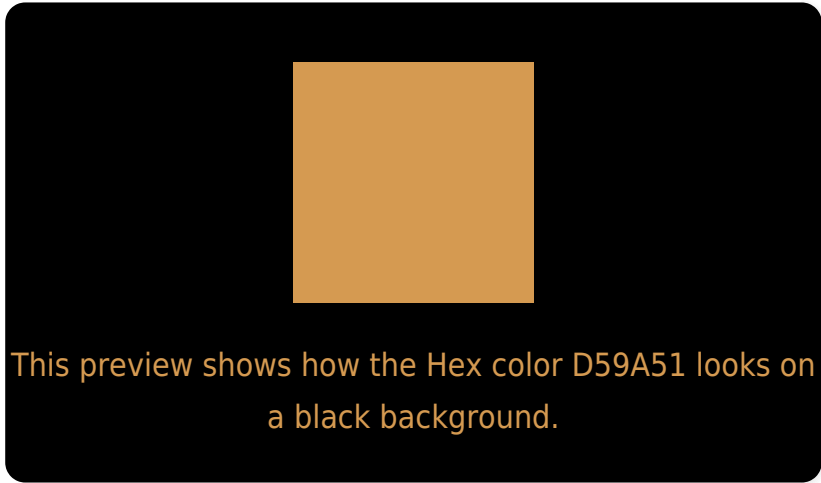
Large Text (above 18pt) WCAG AA × Fail

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 D59A51 Background



This preview shows how black text looks on a background with the Hex color D59A51.



This preview shows how white text looks on a background with the Hex color D59A51.

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
D59A51

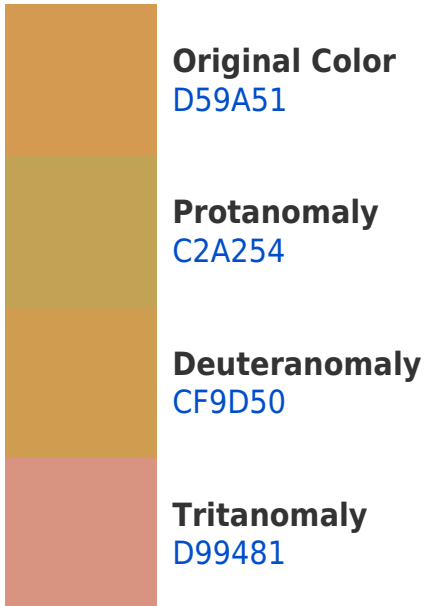
Protanopia
B7A655

Deuteranopia
CC9E50

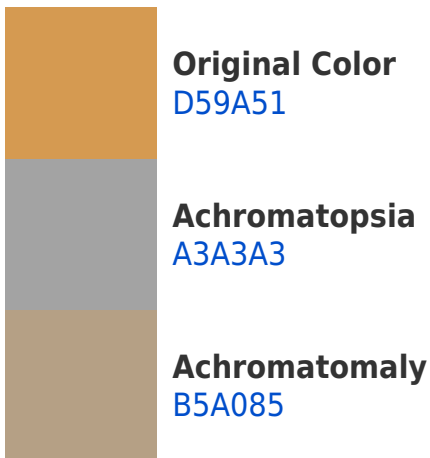


Tritanopia
DB919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D59A51 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 #D59A51 looks like.

```
.text, #text, p{  
    color:#D59A51  
}
```

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 #D59A51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D59A51
}
```

Border

The CSS property to change the border of an element to Hex D59A51 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
#D59A51 }
```

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

```
.border{ border-color:#D59A51 }
```

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

Here you see how a box with a 4 pixel #D59A51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D59A51; -webkit-box-shadow:4px 4px  
4px 4px #D59A51; box-shadow:4px 4px 4px  
4px #D59A51 }
```

Background

The CSS property to change the background color of an element to Hex D59A51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D59A51 }
```

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

```
.background{ background-color:#D59A51 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor