

Converting Colors

Hex(D59C33)

Have a look what the booklet for
Hex(D59C33) contains.

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Color

Hex(D59C33)

Conversions

Conversions Part 1

Format	Color
Hex	D59C33
RGB	213, 156, 51
RGB Percent	84%, 61%, 20%
CMY	0.1647, 0.3882, 0.8000
CMYK	0.00, 0.27, 0.76, 0.16
HSL	39°, 66%, 52%
HSV	39°, 76%, 84%
XYZ	39.9266, 38.1621, 8.3936
YIQ	161.0730, 67.6770, -20.5710

Conversions

Conversions Part 2

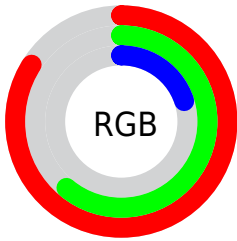
Format	Color
RYB	139, 213, 51
Decimal	13999155
CIELab	68.14, 11.79, 59.95
CIElCh	68, 61.099, 78.871
Yxy	38.1621, 0.4617, 0.4413
Android (android.graphics.Color)	4292189235 (0xFFD59C33)
YUV	161.0730, -54.2660, 45.5400
Hunter-Lab	61.7755, 7.2606, 35.1869

Details

The Hex color **D59C33** 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 **336CD5**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFD269**, and **9A6900** is the 20% darker color. If you saturate the color by 10%, you get **D5951E**, and if you desaturate by 10%, it is **D5A348**.

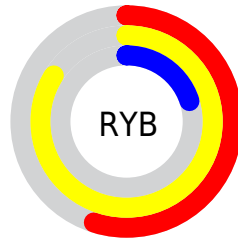
Distribution



Red (84%)

Green (61%)

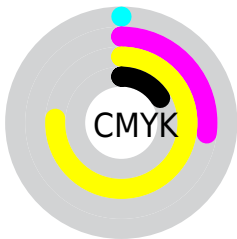
Blue (20%)



Red (55%)

Yellow (84%)

Blue (20%)

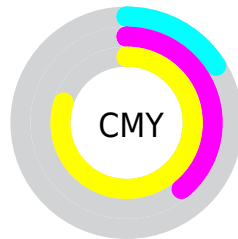


Cyan (0%)

Magenta (27%)

Yellow (76%)

Black (16%)



Cyan (16%)

Magenta (39%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color D59C33 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 D59C33 by changing the saturation by 10% instead.

 D59C33

 D59C33

FFFFFF

 B78214

 FFD269

 9A6900

 FFEF83

 7D5100

 FFFF9F

 613A00

 FFFFBB

 452500

 FFFFD7

 2B1100

 FFFFF4

 0A0000

 000000

 D59C33

 D59C33

 D5951E

 D5A348

 D58D08

 D5AB5E

 D58A00

 D5B273

 D5BA88

 D5C19E

 D5C9B3

 D5D0C8

 D5D8DD

 D5DFF3

Harmonies

Analogous

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



FA8654



D59C33



A2AE34

Triad

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



D59C33



00C1C8



D589EF

Complementary

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



D59C33



336CD5

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.



82A0FF



D59C33



00BDF8

Square

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



D59C33



00C08F



00B2FF



FF76BD

Rectangle

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



D59C33



79B64B



00B2FF



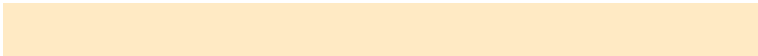
BE91FD

Sweetspot

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



D59C33



FFEAC4



D5336E



80735C



000000



808080

Same Dimension

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



D59C33



FFAD17



BFD533



6B6760



AB6F00



2B1C00

Inverse Universe

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



336CD5



1769FF



4933D5



60646B



003CAB



000F2B

Previews

White Background



This preview shows how the Hex color D59C33 looks on a white background.

Color Contrast Check

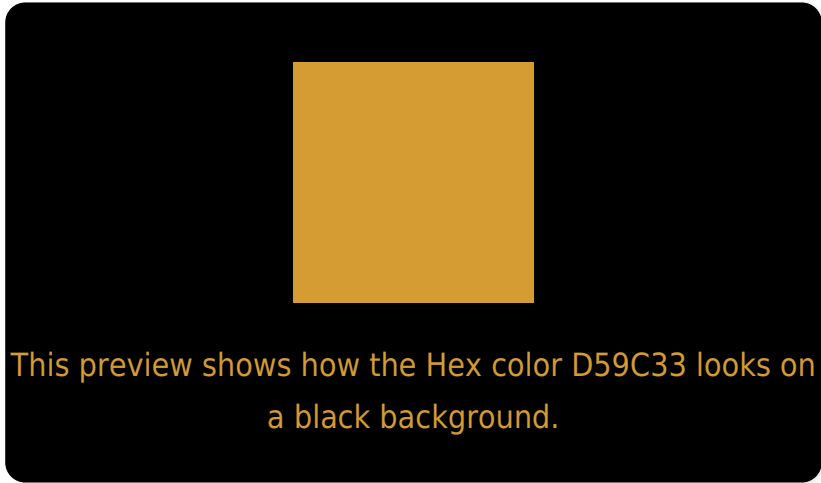
Large Text (above 18pt) WCAG AA × Fail

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 D59C33 Background



This preview shows how black text looks on a background with the Hex color D59C33.



This preview shows how white text looks on a background with the Hex color D59C33.

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
D59C33

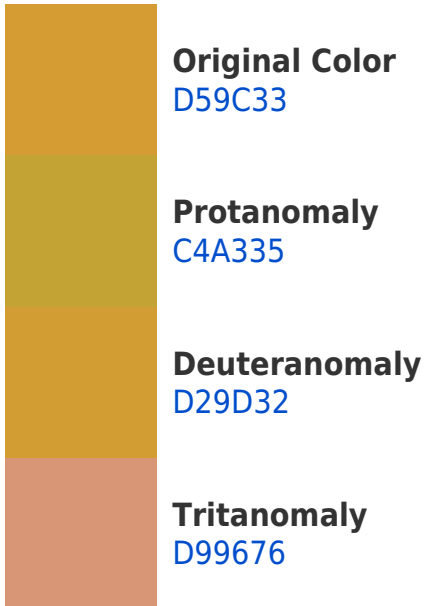
Protanopia
BAA736

Deuteranopia
D19E32

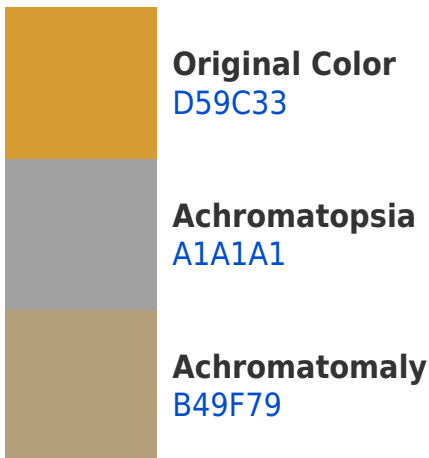


Tritanopia
DC929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D59C33 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 #D59C33 looks like.

```
.text, #text, p{  
    color:#D59C33  
}
```

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 #D59C33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D59C33
}
```

Border

The CSS property to change the border of an element to Hex D59C33 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
#D59C33 }
```

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

```
.border{ border-color:#D59C33 }
```

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

Here you see how a box with a 4 pixel #D59C33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D59C33; -webkit-box-shadow:4px 4px  
4px 4px #D59C33; box-shadow:4px 4px 4px  
4px #D59C33 }
```

Background

The CSS property to change the background color of an element to Hex D59C33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D59C33 }
```

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

```
.background{ background-color:#D59C33 }
```

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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