

Converting Colors

Hex(D59B34)

Have a look what the booklet for
Hex(D59B34) contains.

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Color

Hex(D59B34)

Conversions

Conversions Part 1

Format	Color
Hex	D59B34
RGB	213, 155, 52
RGB Percent	84%, 61%, 20%
CMY	0.1647, 0.3922, 0.7961
CMYK	0.00, 0.27, 0.76, 0.16
HSL	38°, 66%, 52%
HSV	38°, 76%, 84%
XYZ	39.7818, 37.8368, 8.4553
YIQ	160.6000, 67.6310, -19.7370

Conversions

Conversions Part 2

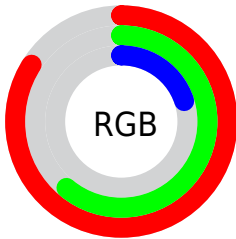
Format	Color
RYB	143, 213, 52
Decimal	13998900
CIELab	67.90, 12.37, 59.33
CIElCh	68, 60.605, 78.220
Yxy	37.8368, 0.4622, 0.4396
Android (android.graphics.Color)	4292188980 (0xFFD59B34)
YUV	160.6000, -53.5398, 45.9548
Hunter-Lab	61.5116, 7.7971, 34.9082

Details

The Hex color **D59B34** 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 **346ED5**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFD169**, and **9A6800** is the 20% darker color. If you saturate the color by 10%, you get **D5931F**, and if you desaturate by 10%, it is **D5A349**.

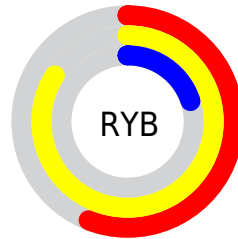
Distribution



Red (84%)

Green (61%)

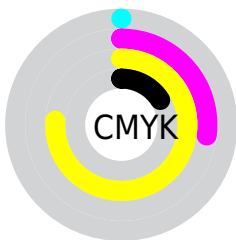
Blue (20%)



Red (56%)

Yellow (84%)

Blue (20%)

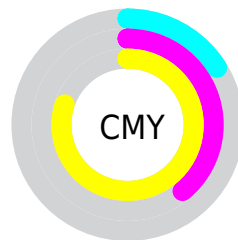


Cyan (0%)

Magenta (27%)

Yellow (76%)

Black (16%)



Cyan (16%)

Magenta (39%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color D59B34 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 D59B34 by changing the saturation by 10% instead.

 D59B34

 D59B34

FFFFFF

 B78116

 FFD169

 9A6800

 FFED84

 7D5000

 FFFF9F

 613900

 FFFFBB

 452400

 FFFFD8

 2B1000

 FFFFF5

 090000

 000000

 D59B34

 D59B34

 D5931F

 D5A349

 D58C09

 D5AA5F

 D58800

 D5B274

 D5BA89

 D5C19F

 D5C9B4

 D5D1C9

 D5D8DE

 D5E0F4

Harmonies

Analogous

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



FA8655



D59B34



A3AD34

Triad

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



D59B34



00C0C6



D289EF

Complementary

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



D59B34



346ED5

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.



80A0FF



D59B34



00BCF6

Square

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



D59B34



00BF8D



00B2FF



FE76BD

Rectangle

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



D59B34



7AB54A



00B2FF



BC91FC

Sweetspot

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



D59B34



FFEAC4



D5346F



80735C



000000



808080

Same Dimension

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



D59B34



FFAB17



C0D534



6B6760



AB6D00



2B1C00

Inverse Universe

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



346ED5



176BFF



4934D5



60646B



003EAB



00102B

Previews

White Background



This preview shows how the Hex color D59B34 looks on a white background.

Color Contrast Check

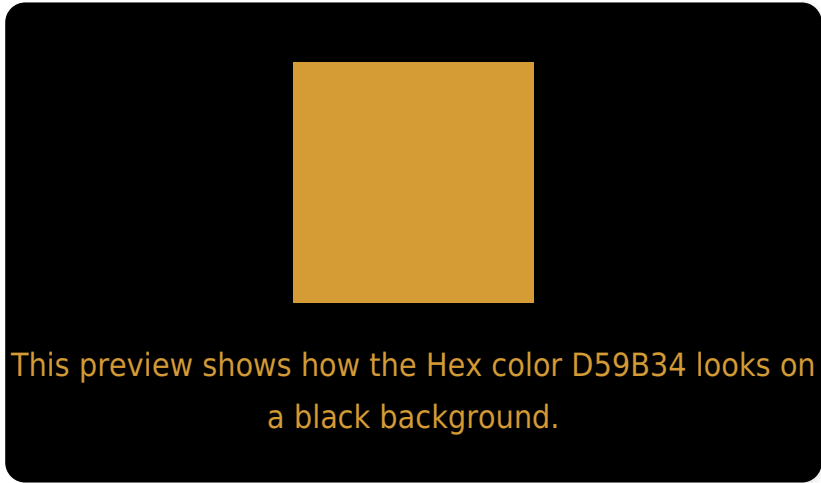
Large Text (above 18pt) WCAG AA × Fail

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 D59B34 Background



This preview shows how black text looks on a background with the Hex color D59B34.



This preview shows how white text looks on a background with the Hex color D59B34.

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



Trichromacy



Original Color
D59B34

Protanomaly
C4A236

Deuteranomaly
D29C33

Tritanomaly
D99576

Monochromacy



Original Color
D59B34

Achromatopsia
A1A1A1

Achromatomaly
B49F79

CSS Examples

Text

The CSS property to change the color of the text to Hex D59B34 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 #D59B34 looks like.

```
.text, #text, p{  
    color:#D59B34  
}
```

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 #D59B34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D59B34
}
```

Border

The CSS property to change the border of an element to Hex D59B34 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
#D59B34 }
```

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

```
.border{ border-color:#D59B34 }
```

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

Here you see how a box with a 4 pixel #D59B34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D59B34; -webkit-box-shadow:4px 4px  
4px 4px #D59B34; box-shadow:4px 4px 4px  
4px #D59B34 }
```

Background

The CSS property to change the background color of an element to Hex D59B34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D59B34 }
```

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

```
.background{ background-color:#D59B34 }
```

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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