

Converting Colors

Hex(D59B45)

Have a look what the booklet for
Hex(D59B45) contains.

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Color

Hex(D59B45)

Conversions

Conversions Part 1

Format	Color
Hex	D59B45
RGB	213, 155, 69
RGB Percent	84%, 61%, 27%
CMY	0.1647, 0.3922, 0.7294
CMYK	0.00, 0.27, 0.68, 0.16
HSL	36°, 63%, 55%
HSV	36°, 68%, 84%
XYZ	40.2361, 38.0185, 10.8479
YIQ	162.5380, 62.1740, -14.4500

Conversions

Conversions Part 2

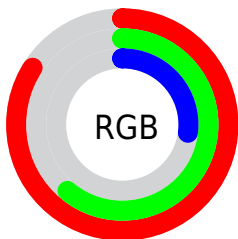
Format	Color
RYB	166, 213, 69
Decimal	13998917
CIELab	68.03, 13.21, 52.17
CIELCh	68, 53.817, 75.787
Yxy	38.0185, 0.4516, 0.4267
Android (android.graphics.Color)	4292188997 (0xFFD59B45)
YUV	162.5380, -46.1142, 44.2552
Hunter-Lab	61.6591, 8.5779, 32.7304

Details

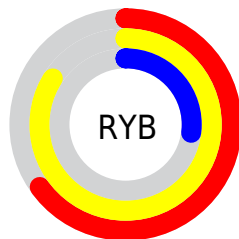
The Hex color **D59B45** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **457FD5**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFD179**, and **9A680E** is the 20% darker color. If you saturate the color by 10%, you get **D59230**, and if you desaturate by 10%, it is **D5A45A**.

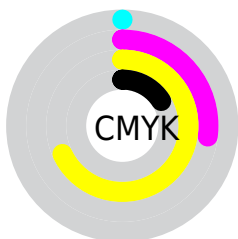
Distribution



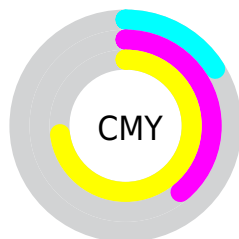
- Red (84%)
- Green (61%)
- Blue (27%)



- Red (65%)
- Yellow (84%)
- Blue (27%)



- Cyan (0%)
- Magenta (27%)
- Yellow (68%)
- Black (16%)



- Cyan (16%)
- Magenta (39%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D59B45 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 D59B45 by changing the saturation by 10% instead.

 D59B45

 D59B45

FFFFFF

 B7812B

 FFD179

 9A680E

 FFEE94

 7E5000

 FFFF4F

 623900

 FFFF4B

 462400

 FFFF48

 2C0F00

 0C0000

 000000

 D59B45

 D59B45

 D59230

 D5A45A

 D58A1A

 D5AC70

 D58105

 D5B585

 D57F00

 D5BD9A

 D5C6B0

 D5CEC5

 D5D7DA

 D5E0EF

 D5E8FF

Harmonies

Analogous

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



F48962



D59B45



A9AB43

Triad

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



D59B45



00BEBF



CA8FEA

Complementary

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



D59B45



457FD5

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.



81A2FF



D59B45



00BBEA

Square

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



D59B45



00BD8C



00B2FF



F47FBF

Rectangle

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



D59B45



86B353



00B2FF



B595F5

Sweetspot

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



D59B45



FFEACC



D54581



807361



000000



808080

Same Dimension

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



D59B45



FFAC30



C9D545



6B6760



AB6600



2B1A00

Inverse Universe

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



457FD5



3084FF



5145D5



60656B



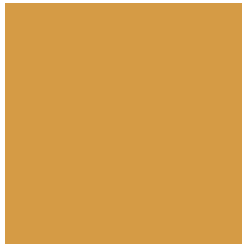
0045AB



00112B

Previews

White Background



This preview shows how the Hex color D59B45 looks on a white background.

Color Contrast Check

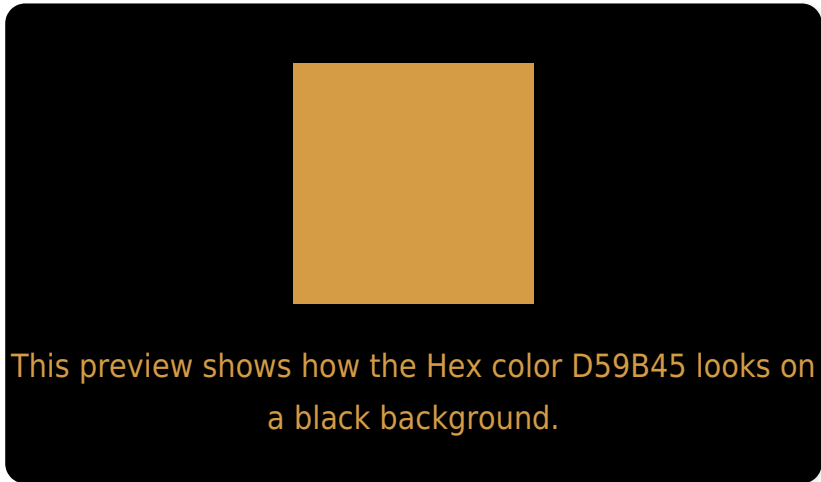
Large Text (above 18pt) WCAG AA × Fail

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

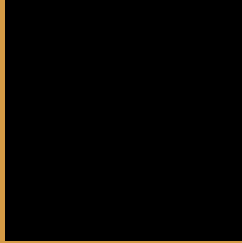
Any Text WCAG AA ✓ Pass

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 D59B45 Background



This preview shows how black text looks on a background with the Hex color D59B45.




This preview shows how white text looks on a background with the Hex color D59B45.

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](#).

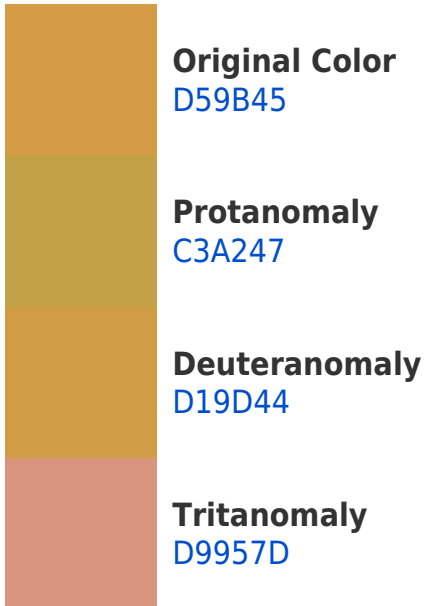
Dichromacy



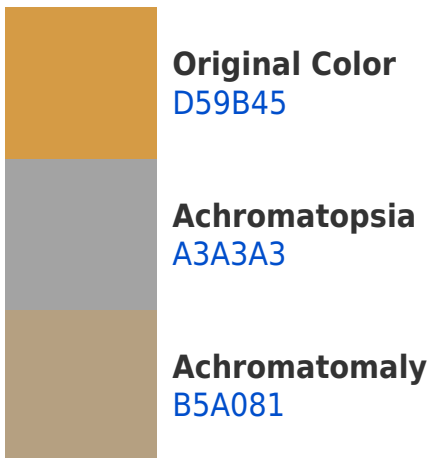


Tritanopia
DB929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D59B45 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 #D59B45 looks like.

```
.text, #text, p{  
    color:#D59B45  
}
```

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 #D59B45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D59B45
}
```

Border

The CSS property to change the border of an element to Hex D59B45 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
#D59B45 }
```

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

```
.border{ border-color:#D59B45 }
```

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

Here you see how a box with a 4 pixel #D59B45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D59B45; -webkit-box-shadow:4px 4px  
4px 4px #D59B45; box-shadow:4px 4px 4px  
4px #D59B45 }
```

Background

The CSS property to change the background color of an element to Hex D59B45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D59B45 }
```

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

```
.background{ background-color:#D59B45 }
```

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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