

Converting Colors

Hex(D59903)

Have a look what the booklet for
Hex(D59903) contains.

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Color

Hex(D59903)

Conversions

Conversions Part 1

Format	Color
Hex	D59903
RGB	213, 153, 3
RGB Percent	84%, 60%, 1%
CMY	0.1647, 0.4000, 0.9882
CMYK	0.00, 0.28, 0.99, 0.16
HSL	43°, 97%, 42%
HSV	43°, 99%, 84%
XYZ	38.8482, 36.9352, 5.1678
YIQ	153.8400, 83.9100, -33.9300

Conversions

Conversions Part 2

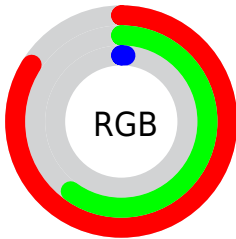
Format	Color
RYB	87, 213, 3
Decimal	13998339
CIELab	67.23, 12.32, 71.08
CIELCh	67, 72.145, 80.167
Yxy	36.9352, 0.4799, 0.4563
Android (android.graphics.Color)	4292188419 (0xFFD59903)
YUV	153.8400, -74.3641, 51.8833
Hunter-Lab	60.7743, 7.7460, 37.5004

Details

The Hex color **D59903** 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 **033FD5**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFCF4C**, and **996600** is the 20% darker color. If you saturate the color by 10%, you get **D59800**, and if you desaturate by 10%, it is **D59F18**.

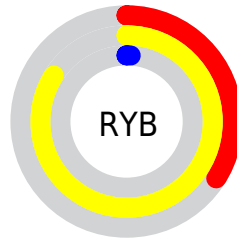
Distribution



Red (84%)

Green (60%)

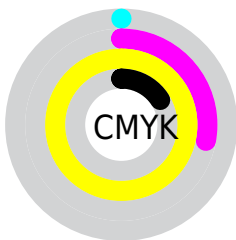
Blue (1%)



Red (34%)

Yellow (84%)

Blue (1%)

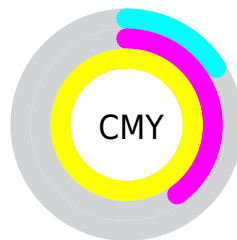


Cyan (0%)

Magenta (28%)

Yellow (99%)

Black (16%)



Cyan (16%)

Magenta (40%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color D59903 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 D59903 by changing the saturation by 10% instead.

 D59903

 D59903

FFFFFF

 B77F00

 FFCF4C

 996600

 FFE668

 7B4E00

 FFFF84

 5F3800


 FFFFA0

 432200

 FFFFBC

 2A0E00

 FFFFD9

 010000

 FFFFF7

 000000

 D59903

 D59903

■ D59800

■ D59F18

■ D5A52E

■ D5AB43

■ D5B158

■ D5B76E

■ D5BE83

■ D5C498

■ D5CAAD

■ D5D0C3

Harmonies

Analogous

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



FF7E40



D59903



99AE0A

Triad

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



D59903



00C2CF



DC7EF8

Complementary

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



D59903



033FD5

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.



779CFF



D59903



00BEFF

Square

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



D59903



00C18B



00B1FF



FF65BC

Rectangle

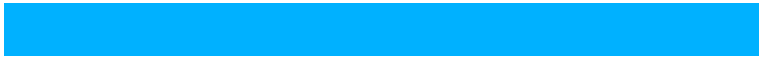
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D59903



67B736



00B1FF



C288FF

Sweetspot

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



D59903



FFE9B3



D50342



807252



000000



808080

Same Dimension

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



D59903



FFB600



ABD503



6B6860



AB7A00



2B1F00

Inverse Universe

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



033FD5



0049FF



2D03D5



60636B



0031AB



000C2B

Previews

White Background



This preview shows how the Hex color D59903 looks on a white background.

Color Contrast Check

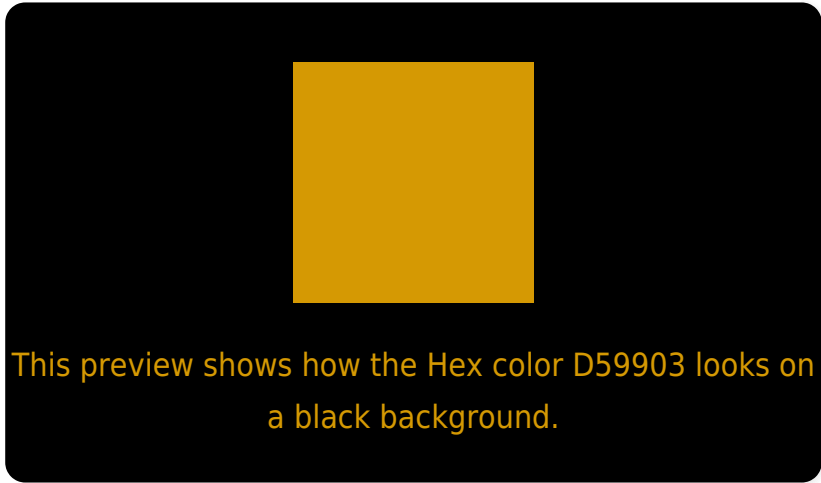
Large Text (above 18pt) WCAG AA × Fail

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 D59903 Background



This preview shows how black text looks on a background with the Hex color D59903.



This preview shows how white text looks on a background with the Hex color D59903.

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
D59903

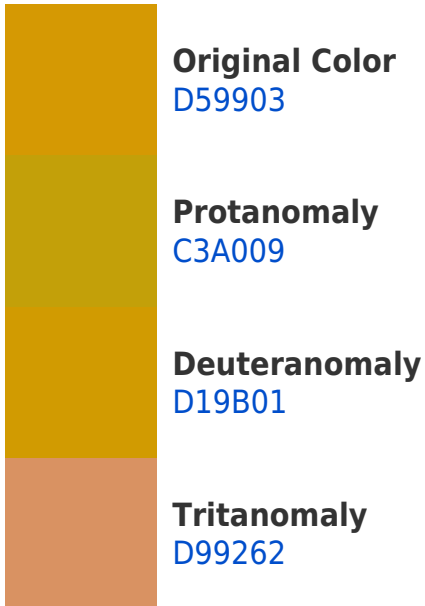
Protanopia
B9A40D

Deuteranopia
CF9C00

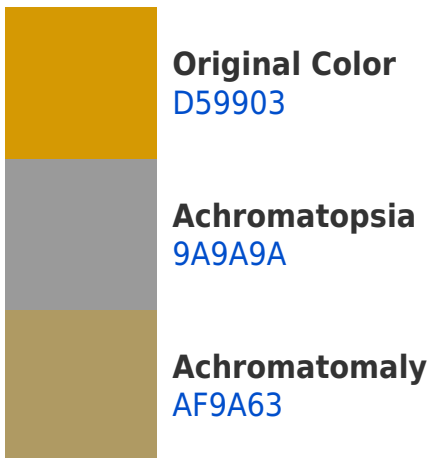


Tritanopia
DC8E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D59903 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 #D59903 looks like.

```
.text, #text, p{  
    color:#D59903  
}
```

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 #D59903 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D59903
}
```

Border

The CSS property to change the border of an element to Hex D59903 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
#D59903 }
```

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

```
.border{ border-color:#D59903 }
```

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

Here you see how a box with a 4 pixel #D59903 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D59903; -webkit-box-shadow:4px 4px  
4px 4px #D59903; box-shadow:4px 4px 4px  
4px #D59903 }
```

Background

The CSS property to change the background color of an element to Hex D59903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D59903 }
```

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

```
.background{ background-color:#D59903 }
```

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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