

# Converting Colors

Hex(D59926)

Have a look what the booklet for  
Hex(D59926) contains.

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**Color**

**Hex(D59926)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | D59926                      |
| RGB         | 213, 153, 38                |
| RGB Percent | 84%, 60%, 15%               |
| CMY         | 0.1647, 0.4000, 0.8510      |
| CMYK        | 0.00, 0.28, 0.82, 0.16      |
| HSL         | 39°, 70%, 49%               |
| HSV         | 39°, 82%, 84%               |
| XYZ         | 39.1817, 37.0685, 6.9236    |
| YIQ         | 157.8300, 72.6750, -23.0450 |

# Conversions

## Conversions Part 2

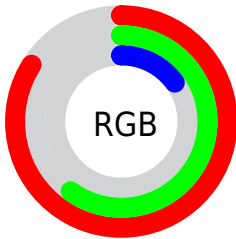
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">129, 213, 38</a>                                 |
| Decimal                             | <a href="#">13998374</a>                                     |
| CIELab                              | <a href="#">67.33, 12.95, 63.84</a>                          |
| CIElCh                              | <a href="#">67, 65.142, 78.536</a>                           |
| Yxy                                 | <a href="#">37.0685, 0.4711, 0.4457</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4292188454</a><br>( <a href="#">0xFFD59926</a> ) |
| YUV                                 | <a href="#">157.8300, -59.0762, 48.3841</a>                  |
| Hunter-Lab                          | <a href="#">60.8839, 8.3262, 35.8764</a>                     |

# Details

The Hex color **D59926** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **2662D5**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFCF5E**, and **996600** is the 20% darker color. If you saturate the color by 10%, you get **D59211**, and if you desaturate by 10%, it is **D5A03B**.

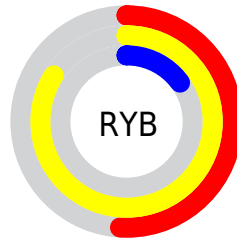
# Distribution



Red (84%)

Green (60%)

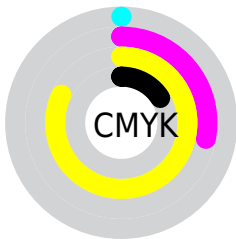
Blue (15%)



Red (51%)

Yellow (84%)

Blue (15%)

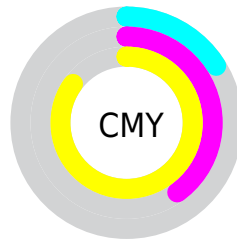


Cyan (0%)

Magenta (28%)

Yellow (82%)

Black (16%)



Cyan (16%)

Magenta (40%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D59926 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 D59926 by changing the saturation by 10% instead.



 D59926

 D59926

FFFFFF

 B77F00

 FFCF5E

 996600

 FFE879

 7C4E00

 FFFF94

 603800

 FFFF80

 442200

 FFFFCC

 2A0E00

 FFFF99

 040000

 000000

 D59926

 D59926

 D59211

 D5A03B

 D58C00

 D5A851

 D5AF66

 D5B67B

 D5BE91

 D5C5A6

 D5CCBB

 D5D3D0

 D5DBE6

# Harmonies

## Analogous

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



FC814D



D59926



9FAC27

# Triad

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



D59926



00C0C8



D484F2

# Complementary

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



D59926



2662D5

# 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.



799EFF



D59926



00BCFB

# Square

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



D59926



00BF8B



00B1FF



FF6FBD

# Rectangle

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



D59926



73B541



00B1FF



BC8DFF



# Sweetspot

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



D59926



FFE9BF



D52663



807259



000000



808080



# Same Dimension

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



D59926



FFA803



BBD526



6B6760



AB7000



2B1C00



# Inverse Universe

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



2662D5



0359FF



4026D5



60646B



003BAB



000F2B



# Previews

## White Background



This preview shows how the Hex color D59926 looks on a white background.

## Color Contrast Check

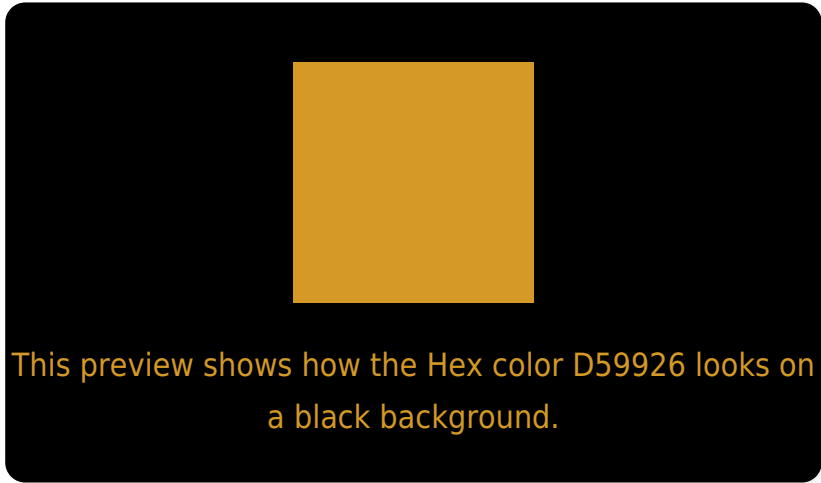
Large Text (above 18pt) WCAG AA × Fail

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 D59926 Background



This preview shows how black text looks on a background with the Hex color D59926.



This preview shows how white text looks on a background with the Hex color D59926.

# 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**  
D59926

**Protanopia**  
B9A529

**Deuteranopia**  
CF9C25



**Tritanopia**  
DC8F99

# Trichromacy



**Original Color**  
D59926

**Protanomaly**  
C3A128

**Deuteranomaly**  
D19B25

**Tritanomaly**  
D9936F

# Monochromacy



**Original Color**  
D59926

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
B29C72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D59926 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 #D59926 looks like.

```
.text, #text, p{  
    color:#D59926  
}
```

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 #D59926 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D59926
}
```

## Border

The CSS property to change the border of an element to Hex D59926 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
#D59926 }
```

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

```
.border{ border-color:#D59926 }
```

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

Here you see how a box with a 4 pixel #D59926 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D59926; -webkit-box-shadow:4px 4px  
4px 4px #D59926; box-shadow:4px 4px 4px  
4px #D59926 }
```

# Background

The CSS property to change the background color of an element to Hex D59926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D59926 }
```

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

```
.background{ background-color:#D59926 }
```

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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