

Converting Colors

Hex(D59126)

Have a look what the booklet for
Hex(D59126) contains.

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Color

Hex(D59126)

Conversions

Conversions Part 1

Format	Color
Hex	D59126
RGB	213, 145, 38
RGB Percent	84%, 57%, 15%
CMY	0.1647, 0.4314, 0.8510
CMYK	0.00, 0.32, 0.82, 0.16
HSL	37°, 70%, 49%
HSV	37°, 82%, 84%
XYZ	37.9158, 34.5369, 6.5016
YIQ	153.1340, 74.8750, -18.8610

Conversions

Conversions Part 2

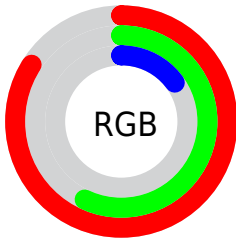
Format	Color
R_{YB}	149, 213, 38
Decimal	13996326
CIE _{Lab}	65.39, 17.27, 62.15
CIE _{LCh}	65, 64.504, 74.474
Yxy	34.5369, 0.4802, 0.4374
Android (android.graphics.Color)	4292186406 (0xFFD59126)
YUV	153.1340, -56.7611, 52.5025
Hunter-Lab	58.7681, 12.3200, 34.5783

Details

The Hex color **D59126** 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 **266AD5**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFC75D**, and **995F00** is the 20% darker color. If you saturate the color by 10%, you get **D58911**, and if you desaturate by 10%, it is **D5993B**.

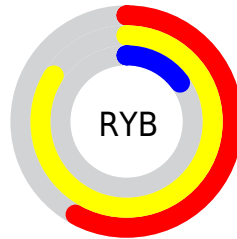
Distribution



Red (84%)

Green (57%)

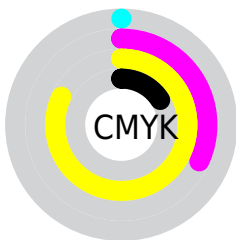
Blue (15%)



Red (58%)

Yellow (84%)

Blue (15%)

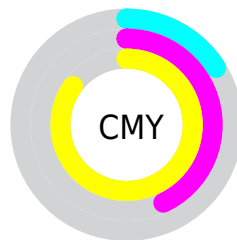


Cyan (0%)

Magenta (32%)

Yellow (82%)

Black (16%)



Cyan (16%)

Magenta (43%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color D59126 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 D59126 by changing the saturation by 10% instead.

 D59126

 D59126

FFFFFF

 B77700

 FFC75D

 995F00

 FFE378

 7C4700

 FFFF93

 5F3000

 FFFF9F

 441B00

 FFFFCB

 2A0500

 FFFFEB

 000000

 D59126

 D59126

 D58911

 D5993B

 D58200

 D5A251

 D5AA66

 D5B27B

 D5BA91

 D5C3A6

 D5CBBB

 D5D3D0

 D5DBE6

Harmonies

Analogous

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



F97950



D59126



A2A51E

Triad

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



D59126



00BABA



C583F2

Complementary

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



D59126



266AD5

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.



619CFF



D59126



00B7EF

Square

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



D59126



00B87E



00AEFF



F86CBF

Rectangle

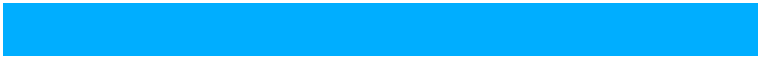
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D59126



78AE37



00AEFF



AB8CFF

Sweetspot

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



D59126



FFE6BF



D5266C



807159



000000



808080

Same Dimension

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



D59126



FF9D03



C4D526



6B6760



AB6800



2B1B00

Inverse Universe

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



266AD5



0365FF



3726D5



60656B



0042AB



00112B

Previews

White Background



This preview shows how the Hex color D59126 looks on a white background.

Color Contrast Check

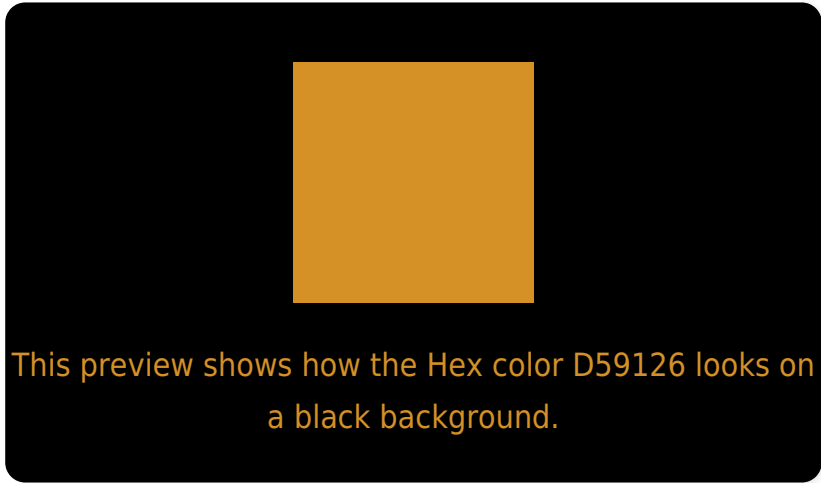
Large Text (above 18pt) WCAG AA × Fail

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 D59126 Background



This preview shows how black text looks on a background with the Hex color D59126.



This preview shows how white text looks on a background with the Hex color D59126.

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
D59126

Protanopia
B3A02A

Deuteranopia
C89723



Tritanopia
DB8791

Trichromacy



Original Color
D59126

Protanomaly
BF9B29

Deuteranomaly
CD9524

Tritanomaly
D98B6A

Monochromacy



Original Color
D59126

Achromatopsia
999999

Achromatomaly
AF966F

CSS Examples

Text

The CSS property to change the color of the text to Hex D59126 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 #D59126 looks like.

```
.text, #text, p{  
    color:#D59126  
}
```

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 #D59126 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D59126
}
```

Border

The CSS property to change the border of an element to Hex D59126 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
#D59126 }
```

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

```
.border{ border-color:#D59126 }
```

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

Here you see how a box with a 4 pixel #D59126 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D59126; -webkit-box-shadow:4px 4px  
4px 4px #D59126; box-shadow:4px 4px 4px  
4px #D59126 }
```

Background

The CSS property to change the background color of an element to Hex D59126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D59126 }
```

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

```
.background{ background-color:#D59126 }
```

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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