

Converting Colors

Hex(02D596)

Have a look what the booklet for
Hex(02D596) contains.

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Color

Hex(02D596)

Conversions

Conversions Part 1

Format	Color
Hex	02D596
RGB	2, 213, 150
RGB Percent	1%, 84%, 59%
CMY	0.9922, 0.1647, 0.4118
CMYK	0.99, 0.00, 0.30, 0.16
HSL	162°, 98%, 42%
HSV	162°, 99%, 84%
XYZ	29.3243, 49.8034, 36.9216
YIQ	142.7290, -105.5330, -64.3250

Conversions

Conversions Part 2

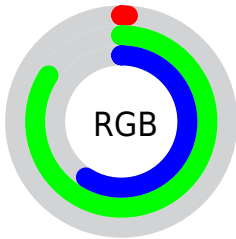
Format	Color
RYB	2, 126, 213
Decimal	185750
CIELab	75.95, -58.47, 19.07
CIELCh	76, 61.502, 161.941
Yxy	49.8034, 0.2527, 0.4292
Android (android.graphics.Color)	4278375830 (0xFF02D596)
YUV	142.7290, 3.5846, -123.4193
Hunter-Lab	70.5715, -49.3288, 18.3807

Details

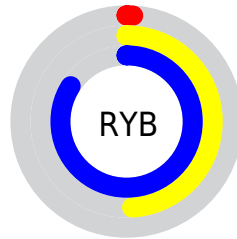
The Hex color **02D596** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D50241**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **69FFCC**, and **009D63** is the 20% darker color. If you saturate the color by 10%, you get **00D595**, and if you desaturate by 10%, it is **17D59C**.

Distribution



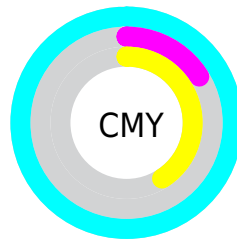
- Red (1%)
- Green (84%)
- Blue (59%)



- Red (1%)
- Yellow (49%)
- Blue (84%)



- Cyan (99%)
- Magenta (0%)
- Yellow (30%)
- Black (16%)



- Cyan (99%)
- Magenta (16%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02D596 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 02D596 by changing the saturation by 10% instead.

 02D596

 02D596

FFFFFF

 00B97C

 69FFCC

 009D63

 89FFE9

 00824B

 A9FFFF

 006834

 C8FFFF

 004E1E

 E7FFFF

 003607

 001D00

 000000

 02D596

 02D596

00D595

17D59C

2DD5A3

42D5A9

57D5AF

6CD5B6

82D5BC

97D5C3

ACD5C9

C2D5CF

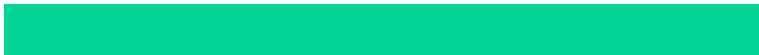
Harmonies

Analogous

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



87CD63



02D596



00D7D1

Triad

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



02D596



7FB8FF



FF9672

Complementary

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



02D596



D50241

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.



FF89A7



02D596



DCA3FF

Square

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



02D596



00CBFF



FF8FE0



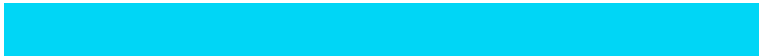
F7AC4C

Rectangle

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



02D596



00D6F6



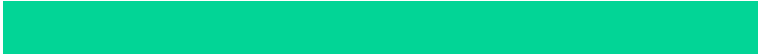
FF8FE0



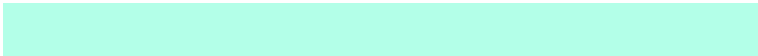
FF9082

Sweetspot

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



02D596



B3FFE8



41D502



528072



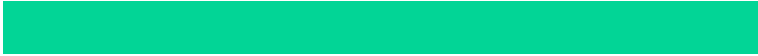
000000



808080

Same Dimension

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



02D596



00FFB3



02ABD5



606B68



00AB78



002B1E

Inverse Universe

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



D50241



FF004C



D52C02



6B6064



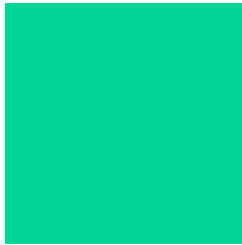
AB0033



2B000D

Previews

White Background



This preview shows how the Hex color 02D596 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



This preview shows how the Hex color 02D596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

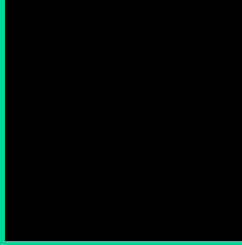
Any Text WCAG AA ✓ Pass

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 02D596 Background



This preview shows how black text looks on a background with the Hex color 02D596.



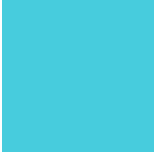
This preview shows how white text looks on a background with the Hex color 02D596.

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



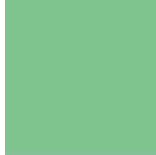


Tritanopia
47CCDD

Trichromacy



Original Color
02D596



Protanomaly
7FC38E



Deuteranomaly
88BF9B



Tritanomaly
2ECFC3

Monochromacy



Original Color
02D596



Achromatopsia
8F8F8F



Achromatomaly
5CA892

CSS Examples

Text

The CSS property to change the color of the text to Hex 02D596 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 #02D596 looks like.

```
.text, #text, p{  
    color:#02D596  
}
```

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 #02D596 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02D596
}
```

Border

The CSS property to change the border of an element to Hex 02D596 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
#02D596 }
```

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

```
.border{ border-color:#02D596 }
```

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

Here you see how a box with a 4 pixel #02D596 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02D596; -webkit-box-shadow:4px 4px  
4px 4px #02D596; box-shadow:4px 4px 4px  
4px #02D596 }
```

Background

The CSS property to change the background color of an element to Hex 02D596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02D596 }
```

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

```
.background{ background-color:#02D596 }
```

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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