

Converting Colors

Hex(02D72C)

Have a look what the booklet for
Hex(02D72C) contains.

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Color

Hex(02D72C)

Conversions

Conversions Part 1

Format	Color
Hex	02D72C
RGB	2, 215, 44
RGB Percent	1%, 84%, 17%
CMY	0.9922, 0.1569, 0.8275
CMYK	0.99, 0.00, 0.80, 0.16
HSL	132°, 98%, 43%
HSV	132°, 99%, 84%
XYZ	24.7801, 48.7956, 10.4953
YIQ	131.8190, -72.0570, -98.3370

Conversions

Conversions Part 2

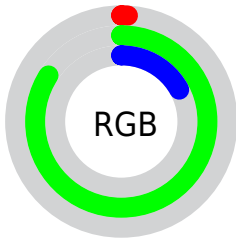
Format	Color
RYB	2, 180, 215
Decimal	186156
CIELab	75.32, -74.22, 65.75
CIELCh	75, 99.158, 138.462
Yxy	48.7956, 0.2948, 0.5804
Android (android.graphics.Color)	4278376236 (0xFF02D72C)
YUV	131.8190, -43.2948, -113.8513
Hunter-Lab	69.8539, -58.9228, 39.9896

Details

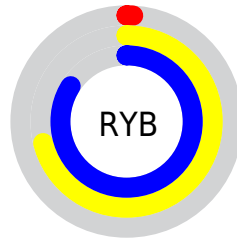
The Hex color **02D72C** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **D702AD**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **6CFF67**, and **009E00** is the 20% darker color. If you saturate the color by 10%, you get **00D72A**, and if you desaturate by 10%, it is **18D73D**.

Distribution



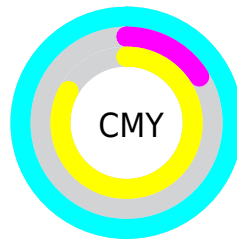
- Red (1%)
- Green (84%)
- Blue (17%)



- Red (1%)
- Yellow (71%)
- Blue (84%)



- Cyan (99%)
- Magenta (0%)
- Yellow (80%)
- Black (16%)



- Cyan (99%)
- Magenta (16%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02D72C 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 02D72C by changing the saturation by 10% instead.

 02D72C

 02D72C

FFFFFF

 00BA00

 6CFF67

 009E00

 8DFF84

 008300

 ADFFA0

 006800

 CDFFBD

 004E00

 ECFFDA

 003600

 FFFFF7

 001B00

 000000

 02D72C

 02D72C

 00D72A

 18D73D

 2DD74F

 43D760

 58D771

 6ED782

 83D794

 99D7A5

 AED7B6

 C4D7C7

Harmonies

Analogous

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



AAC600



02D72C



00DF92

Triad

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



02D72C



00CFFF



FF4C86

Complementary

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



02D72C



D702AD

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.



FF4EE1



02D72C



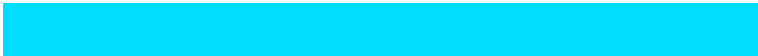
47B1FF

Square

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



02D72C



00DDFF



FF82FF



FF7D2B

Rectangle

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



02D72C



00E1D2



FF82FF



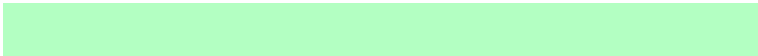
FF43A4

Sweetspot

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



02D72C



B3FFC2



B0D702



52805B



000000



808080

Same Dimension

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



02D72C



00FF32



02D794



606B63



00AB22



002B09

Inverse Universe

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



D702AD



FF00CD



D70245



6B6069



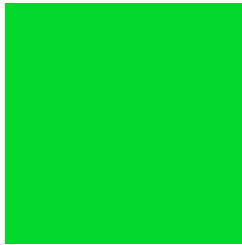
AB0089



2B0023

Previews

White Background



This preview shows how the Hex color 02D72C 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 02D72C Background



This preview shows how black text looks on a background with the Hex color 02D72C.



This preview shows how white text looks on a background with the Hex color 02D72C.

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](#).

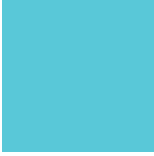
Dichromacy



Original Color
02D72C

Protanopia
CFB824

Deuteranopia
E6AF3F



Tritanopia
59C8D8

Trichromacy



Original Color
02D72C



Protanomaly
84C327



Deuteranomaly
93BE38



Tritanomaly
39CD99

Monochromacy



Original Color
02D72C



Achromatopsia
848484



Achromatomaly
55A264

CSS Examples

Text

The CSS property to change the color of the text to Hex 02D72C 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 #02D72C looks like.

```
.text, #text, p{  
    color:#02D72C  
}
```

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 #02D72C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02D72C
}
```

Border

The CSS property to change the border of an element to Hex 02D72C 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".

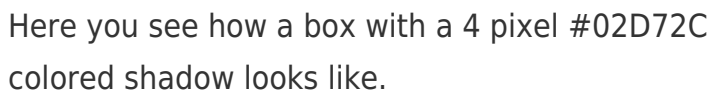
```
.border, #border, table{ border:4px solid
#02D72C }
```

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

```
.border{ border-color:#02D72C }
```

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

Here you see how a box with a 4 pixel #02D72C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02D72C; -webkit-box-shadow:4px 4px  
4px 4px #02D72C; box-shadow:4px 4px 4px  
4px #02D72C }
```

Background

The CSS property to change the background color of an element to Hex 02D72C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02D72C }
```

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

```
.background{ background-color:#02D72C }
```

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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