

Converting Colors

Hex(02F556)

Have a look what the booklet for
Hex(02F556) contains.

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Color

Hex(02F556)

Conversions

Conversions Part 1

Format	Color
Hex	02F556
RGB	2, 245, 86
RGB Percent	1%, 96%, 34%
CMY	0.9922, 0.0392, 0.6627
CMYK	0.99, 0.00, 0.65, 0.04
HSL	141°, 98%, 48%
HSV	141°, 99%, 96%
XYZ	34.3572, 65.9896, 19.7306
YIQ	154.2170, -93.7890, -100.9650

Conversions

Conversions Part 2

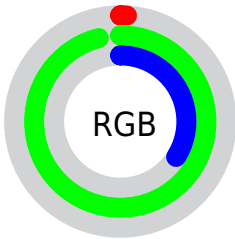
Format	Color
RYB	2, 183, 245
Decimal	193878
CIELab	84.99, -79.13, 60.95
CIELCh	85, 99.881, 142.397
Yxy	65.9896, 0.2861, 0.5496
Android (android.graphics.Color)	4278383958 (0xFF02F556)
YUV	154.2170, -33.6310, -133.4943
Hunter-Lab	81.2340, -66.6646, 42.4631

Details

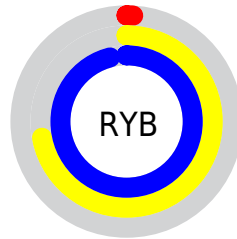
The Hex color **02F556** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **F502A1**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **73FF8D**, and **00BB18** is the 20% darker color. If you saturate the color by 10%, you get **00F555**, and if you desaturate by 10%, it is **1AF566**.

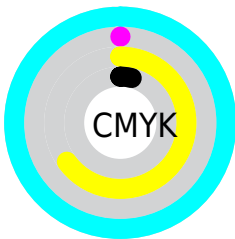
Distribution



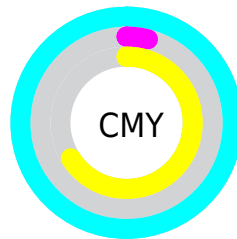
- Red (1%)
- Green (96%)
- Blue (34%)



- Red (1%)
- Yellow (72%)
- Blue (96%)



- Cyan (99%)
- Magenta (0%)
- Yellow (65%)
- Black (4%)




- Cyan (99%)
- Magenta (4%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02F556 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 02F556 by changing the saturation by 10% instead.

 02F556

 02F556

FFFFFF

 00D839

 73FF8D

 00BB18

 95FFAA

 009F00

 B6FFC6

 008300

 D7FFE3

 006800

 F7FFFF

 004E00

 003500

 001A00

 000000

 02F556

 02F556

 00F555

 1AF566

 33F576

 4CF586

 64F596

 7DF5A6

 95F5B6

 AEF5C6

 C6F5D6

 DFF5E6

Harmonies

Analogous

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



BAE400



02F556



00FDB8

Triad

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



02F556



00E7FF



FF7293

Complementary

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



02F556



F502A1

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.



FF6CF1



02F556



98C6FF

Square

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



02F556



00F9FF



FF97FF



FF9E39

Rectangle

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



02F556



00FFFA



FF97FF



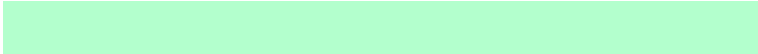
FF6AB1

Sweetspot

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



02F556



B3FFCD



A4F502



528061



000000



808080

Same Dimension

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



02F556



00FF58



02F5CC



6E7A72



00BA40



003B14

Inverse Universe

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



F502A1



FF00A7



F5022B



7A6E76



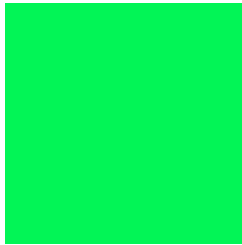
BA007A



3B0026

Previews

White Background



This preview shows how the Hex color 02F556 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 02F556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

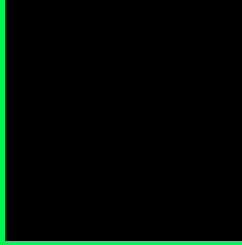
Any Text WCAG AA ✓ Pass

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 02F556 Background



This preview shows how black text looks on a background with the Hex color 02F556.

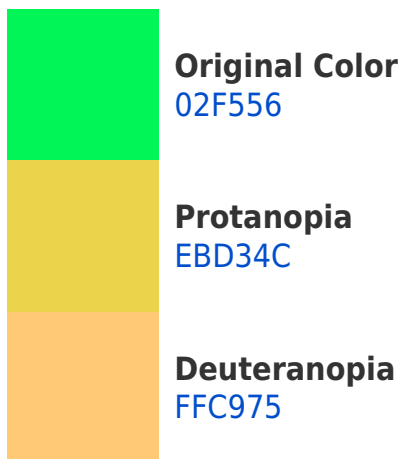


This preview shows how white text looks on a background with the Hex color 02F556.

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](#).

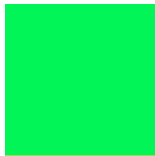
Dichromacy





Tritanopia
63E5F8

Trichromacy



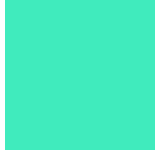
Original Color
02F556



Protanomaly
96DF50



Deuteranomaly
A3D96A



Tritanomaly
40EBBD

Monochromacy



Original Color
02F556



Achromatopsia
9A9A9A



Achromatomaly
63BB81

CSS Examples

Text

The CSS property to change the color of the text to Hex 02F556 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 #02F556 looks like.

```
.text, #text, p{  
    color:#02F556  
}
```

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 #02F556 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02F556
}
```

Border

The CSS property to change the border of an element to Hex 02F556 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
#02F556 }
```

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

```
.border{ border-color:#02F556 }
```

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

Here you see how a box with a 4 pixel #02F556 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02F556; -webkit-box-shadow:4px 4px  
4px 4px #02F556; box-shadow:4px 4px 4px  
4px #02F556 }
```

Background

The CSS property to change the background color of an element to Hex 02F556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02F556 }
```

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

```
.background{ background-color:#02F556 }
```

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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