

Converting Colors

Hex(02E249)

Have a look what the booklet for
Hex(02E249) contains.

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Color

Hex(02E249)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 02E249 |
| RGB | 2, 226, 73 |
| RGB Percent | 1%, 89%, 29% |
| CMY | 0.9922, 0.1137, 0.7137 |
| CMYK | 0.99, 0.00, 0.68, 0.11 |
| HSL | 139°, 98%, 45% |
| HSV | 139°, 99%, 89% |
| XYZ | 28.4240, 54.8867, 15.3994 |
| YIQ | 141.5820, -84.3910, -95.0710 |

Conversions

Conversions Part 2

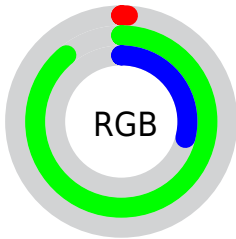
| Format | Color |
|-------------------------------------|----------------------------------|
| RYB | 2, 172, 226 |
| Decimal | 189001 |
| CIELab | 78.98, -75.02, 59.55 |
| CIELCh | 79, 95.778, 141.557 |
| Yxy | 54.8867, 0.2880, 0.5560 |
| Android (android.graphics.Color) | 4278379081 (0xFF02E249) |
| YUV | 141.5820, -33.8109, -122.4134 |
| Hunter-Lab | 74.0855, -61.1656, 39.5359 |

Details

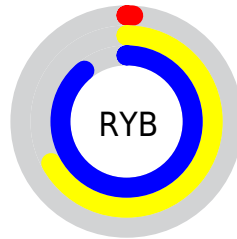
The Hex color **02E249** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E2029B**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6EFF80**, and **00A900** is the 20% darker color. If you saturate the color by 10%, you get **00E248**, and if you desaturate by 10%, it is **19E258**.

Distribution



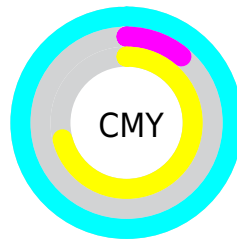
- Red (1%)
- Green (89%)
- Blue (29%)



- Red (1%)
- Yellow (67%)
- Blue (89%)



- Cyan (99%)
- Magenta (0%)
- Yellow (68%)
- Black (11%)



- Cyan (99%)
- Magenta (11%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02E249 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 02E249 by changing the saturation by 10% instead.

 02E249

 02E249

FFFFFF

 00C52C

 6EFF80

 00A900

 8FFF9C

 008D00

 B0FFB8

 007200

 D0FFD5

 005800

 EFFFF2

 003F00

 002500

 000000

 02E249

 02E249

■ 00E248

■ 19E258

■ 2FE268

■ 46E277

■ 5CE287

■ 73E296

■ 8AE2A6

■ A0E2B5

■ B7E2C4

■ CDE2D4

Harmonies

Analogous

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



ADD200



02E249



00EAA6

Triad

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



02E249



00D6FF



FF6588

Complementary

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



02E249



E2029B

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.



FF60E1



02E249



82B7FF

Square

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



02E249



00E6FF



FF8AFF



FF8F32

Rectangle

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



02E249



00EBE5



FF8AFF



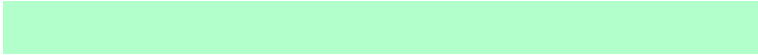
FF5CA5

Sweetspot

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



02E249



B3FFCB



9BE202



528060



000000



808080

Same Dimension

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



02E249



00FF51



02E2B9



657069



00B038



00300F

Inverse Universe

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



E2029B



FF00AE



E2022B



70656D



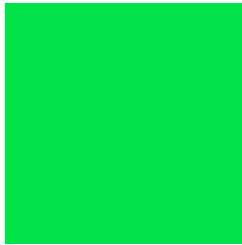
B00078



300021

Previews

White Background



This preview shows how the Hex color 02E249 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 02E249 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 02E249 Background



This preview shows how black text looks on a background with the Hex color 02E249.

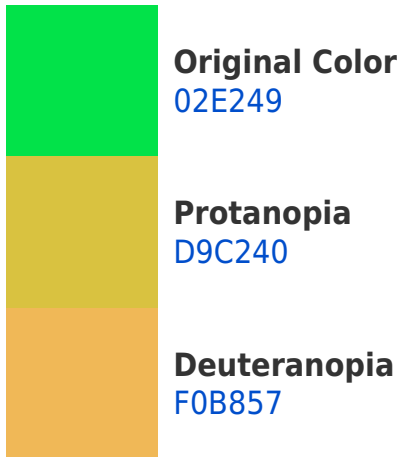


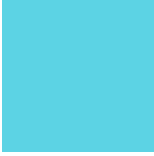
This preview shows how white text looks on a background with the Hex color 02E249.

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](#).

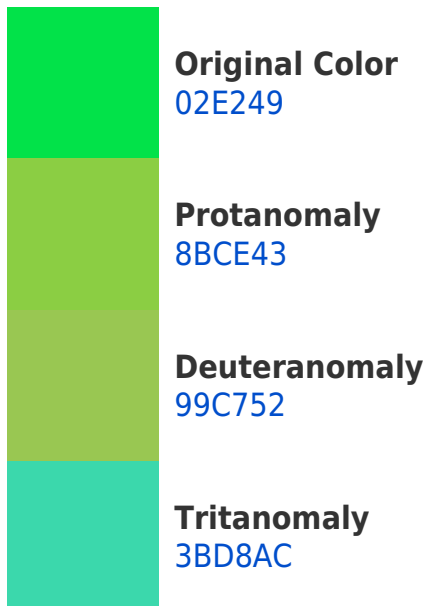
Dichromacy



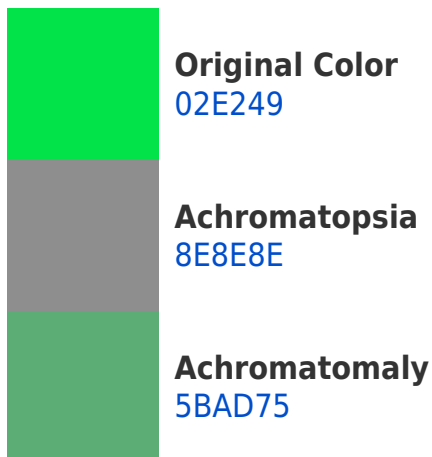


Tritanopia
5CD3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 02E249 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 #02E249 looks like.

```
.text, #text, p{  
    color:#02E249  
}
```

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 #02E249 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02E249
}
```

Border

The CSS property to change the border of an element to Hex 02E249 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".

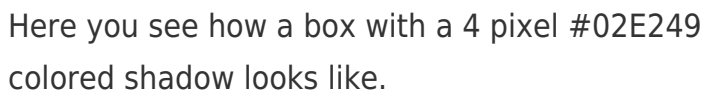
```
.border, #border, table{ border:4px solid
#02E249 }
```

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

```
.border{ border-color:#02E249 }
```

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

Here you see how a box with a 4 pixel #02E249 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02E249; -webkit-box-shadow:4px 4px  
4px 4px #02E249; box-shadow:4px 4px 4px  
4px #02E249 }
```

Background

The CSS property to change the background color of an element to Hex 02E249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02E249 }
```

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

```
.background{ background-color:#02E249 }
```

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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