

Converting Colors

Hex(03E52D)

Have a look what the booklet for
Hex(03E52D) contains.

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Color

Hex(03E52D)

Conversions

Conversions Part 1

Format	Color
Hex	03E52D
RGB	3, 229, 45
RGB Percent	1%, 90%, 18%
CMY	0.9882, 0.1020, 0.8235
CMYK	0.99, 0.00, 0.80, 0.10
HSL	131°, 97%, 45%
HSV	131°, 99%, 90%
XYZ	28.5305, 56.2474, 11.8358
YIQ	140.4500, -75.6320, -105.1360

Conversions

Conversions Part 2

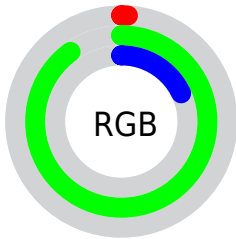
Format	Color
RYB	3, 194, 229
Decimal	255277
CIELab	79.75, -77.95, 69.64
CIELCh	80, 104.533, 138.222
Yxy	56.2474, 0.2953, 0.5822
Android (android.graphics.Color)	4278445357 (0xFF03E52D)
YUV	140.4500, -47.0568, -120.5436
Hunter-Lab	74.9983, -63.3428, 43.1420

Details

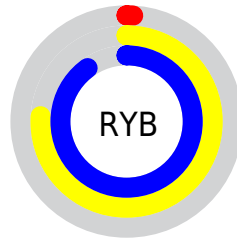
The Hex color **03E52D** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **E503BB**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **70FF6A**, and **00AC00** is the 20% darker color. If you saturate the color by 10%, you get **00E52B**, and if you desaturate by 10%, it is **1AE540**.

Distribution



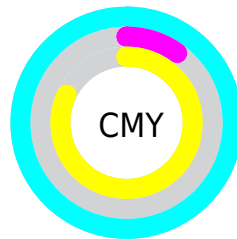
- Red (1%)
- Green (90%)
- Blue (18%)



- Red (1%)
- Yellow (76%)
- Blue (90%)



- Cyan (99%)
- Magenta (0%)
- Yellow (80%)
- Black (10%)



- Cyan (99%)
- Magenta (10%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03E52D 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 03E52D by changing the saturation by 10% instead.

 03E52D

 03E52D

FFFFFF

 00C800

 70FF6A

 00AC00

 92FF87

 009000

 B3FFA3

 007500

 D3FFC0

 005A00

 F3FFDD

 004100

 FFFFFB

 002700

 000000

 03E52D

 03E52D

■ 00E52B

■ 1AE540

■ 31E552

■ 48E565

■ 5FE578

■ 75E58A

■ 8CE59D

■ A3E5B0

■ BAE5C2

■ D1E5D5

Harmonies

Analogous

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



B6D300



03E52D



00EE9A

Triad

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



03E52D



00DDFF



FF508F

Complementary

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



03E52D



E503BB

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.



FF52F0



03E52D



45BDFF

Square

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



03E52D



00ECFF



FF8BFF



FF842F

Rectangle

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



03E52D



00F0DF



FF8BFF



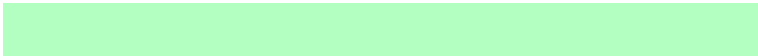
FF46AF

Sweetspot

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



03E52D



B3FFC1



BCE503



52805A



000000



808080

Same Dimension

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



03E52D



00FF2F



03E59D



677369



00B321



003309

Inverse Universe

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



E503BB



FF00D0



E5034B



736771



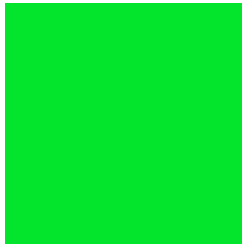
B30091



33002A

Previews

White Background



This preview shows how the Hex color 03E52D looks on a white background.

Color Contrast Check

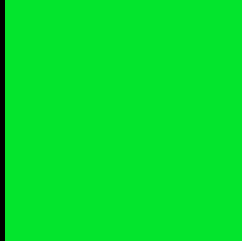
Large Text (above 18pt) WCAG AA × Fail

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 03E52D 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 03E52D Background



This preview shows how black text looks on a background with the Hex color 03E52D.

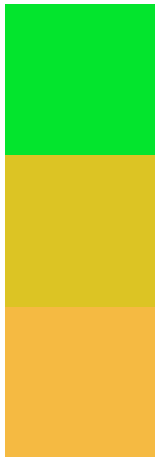


This preview shows how white text looks on a background with the Hex color 03E52D.

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](#).

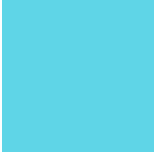
Dichromacy



Original Color
03E52D

Protanopia
DCC424

Deuteranopia
F5BA42



Tritanopia
5FD5E7

Trichromacy



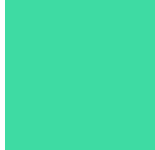
Original Color
03E52D



Protanomaly
8DD027



Deuteranomaly
9DCA3A



Tritanomaly
3EDBA3

Monochromacy



Original Color
03E52D



Achromatopsia
8C8C8C



Achromatomaly
5AAC69

CSS Examples

Text

The CSS property to change the color of the text to Hex 03E52D 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 #03E52D looks like.

```
.text, #text, p{  
    color:#03E52D  
}
```

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 #03E52D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03E52D
}
```

Border

The CSS property to change the border of an element to Hex 03E52D 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".

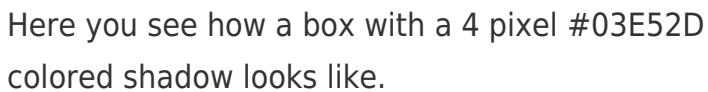
```
.border, #border, table{ border:4px solid
#03E52D }
```

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

```
.border{ border-color:#03E52D }
```

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

Here you see how a box with a 4 pixel #03E52D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03E52D; -webkit-box-shadow:4px 4px  
4px 4px #03E52D; box-shadow:4px 4px 4px  
4px #03E52D }
```

Background

The CSS property to change the background color of an element to Hex 03E52D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03E52D }
```

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

```
.background{ background-color:#03E52D }
```

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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