

Converting Colors

Hex(03DD24)

Have a look what the booklet for
Hex(03DD24) contains.

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Color

Hex(03DD24)

Conversions

Conversions Part 1

Format	Color
Hex	03DD24
RGB	3, 221, 36
RGB Percent	1%, 87%, 14%
CMY	0.9882, 0.1333, 0.8588
CMYK	0.99, 0.00, 0.84, 0.13
HSL	129°, 97%, 44%
HSV	129°, 99%, 87%
XYZ	26.2124, 51.8596, 10.2974
YIQ	134.7280, -70.5430, -103.7510

Conversions

Conversions Part 2

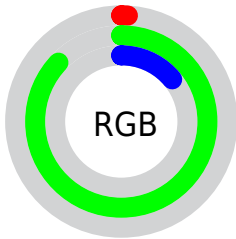
Format	Color
RYB	3, 192, 221
Decimal	253220
CIELab	77.20, -76.25, 69.56
CIELCh	77, 103.217, 137.627
Yxy	51.8596, 0.2966, 0.5868
Android (android.graphics.Color)	4278443300 (0xFF03DD24)
YUV	134.7280, -48.6729, -115.5255
Hunter-Lab	72.0136, -61.0512, 41.9315

Details

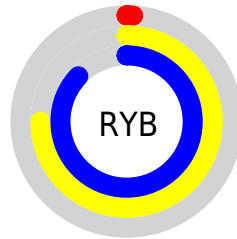
The Hex color **03DD24** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **DD03BC**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **6EFF63**, and **00A400** is the 20% darker color. If you saturate the color by 10%, you get **00DD21**, and if you desaturate by 10%, it is **19DD37**.

Distribution



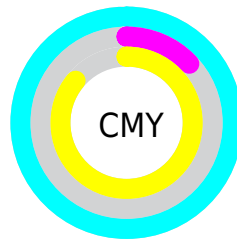
- Red (1%)
- Green (87%)
- Blue (14%)



- Red (1%)
- Yellow (75%)
- Blue (87%)



- Cyan (99%)
- Magenta (0%)
- Yellow (84%)
- Black (13%)



- Cyan (99%)
- Magenta (13%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03DD24 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 03DD24 by changing the saturation by 10% instead.

 03DD24

 03DD24

FFFFFF

 00C000

 6EFF63

 00A400

 90FF80

 008800

 B0FF9C

 006E00

 D0FFB9

 005300

 F0FFD6

 003B00

 FFFFF4

 002100

 000000

 03DD24

 03DD24

 00DD21

 19DD37

 2FDD4A

 45DD5C

 5BDD6F

 72DD82

 88DD95

 9EDDA7

 B4DDBA

 CADDCD

Harmonies

Analogous

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



B1CB00



03DD24



00E592

Triad

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



03DD24



00D6FF



FF478B

Complementary

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



03DD24



DD03BC

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.



FF4CEA



03DD24



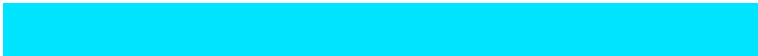
2AB7FF

Square

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



03DD24



00E4FF



FF86FF



FF7D2C

Rectangle

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



03DD24



00E8D5



FF86FF



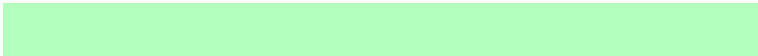
FF3EAB

Sweetspot

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



03DD24



B3FFBE



BCDD03



528059



000000



808080

Same Dimension

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



03DD24



00FF27



03DD91



636E64



00AD1A



002E07

Inverse Universe

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



DD03BC



FF00D8



DD034F



6E636C



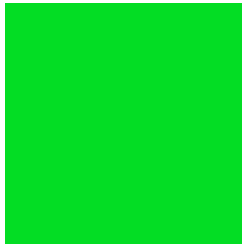
AD0093



2E0027

Previews

White Background



This preview shows how the Hex color 03DD24 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 03DD24 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

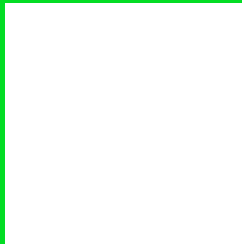
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 03DD24 Background



This preview shows how black text looks on a background with the Hex color 03DD24.

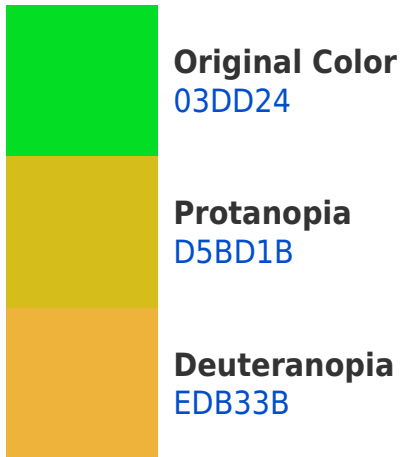


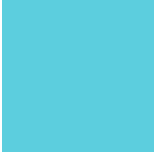
This preview shows how white text looks on a background with the Hex color 03DD24.

Color Blindness Simulation

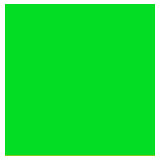
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color

03DD24



Protanomaly

89C91E



Deuteranomaly

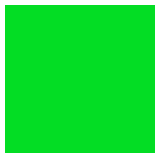
98C233



Tritanomaly

3CD39A

Monochromacy



Original Color

03DD24



Achromatopsia

878787



Achromatomaly

57A663

CSS Examples

Text

The CSS property to change the color of the text to Hex 03DD24 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 #03DD24 looks like.

```
.text, #text, p{  
    color:#03DD24  
}
```

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 #03DD24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03DD24
}
```

Border

The CSS property to change the border of an element to Hex 03DD24 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
#03DD24 }
```

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

```
.border{ border-color:#03DD24 }
```

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

Here you see how a box with a 4 pixel #03DD24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03DD24; -webkit-box-shadow:4px 4px  
4px 4px #03DD24; box-shadow:4px 4px 4px  
4px #03DD24 }
```

Background

The CSS property to change the background color of an element to Hex 03DD24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03DD24 }
```

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

```
.background{ background-color:#03DD24 }
```

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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