

Converting Colors

Hex(00E381)

Have a look what the booklet for
Hex(00E381) contains.

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Color

Hex(00E381)

Conversions

Conversions Part 1

Format	Color
Hex	00E381
RGB	0, 227, 129
RGB Percent	0%, 89%, 51%
CMY	1.0000, 0.1098, 0.4941
CMYK	1.00, 0.00, 0.43, 0.11
HSL	154°, 100%, 45%
HSV	154°, 100%, 89%
XYZ	31.4315, 56.5231, 30.0223
YIQ	147.9550, -103.8340, -78.6020

Conversions

Conversions Part 2

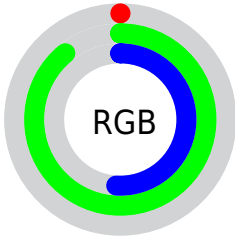
Format	Color
RYB	0, 145, 227
Decimal	58241
CIELab	79.91, -67.64, 35.19
CIELCh	80, 76.250, 152.516
Yxy	56.5231, 0.2664, 0.4791
Android (android.graphics.Color)	4278248321 (0xFF00E381)
YUV	147.9550, -9.3448, -129.7565
Hunter-Lab	75.1819, -56.9422, 28.9511

Details

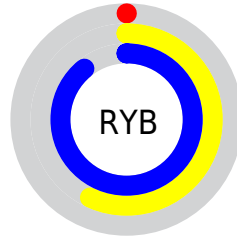
The Hex color **00E381** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E30062**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **6CFFB7**, and **00AA4E** is the 20% darker color. If you saturate the color by 10%, you get **00E381**, and if you desaturate by 10%, it is **17E38B**.

Distribution



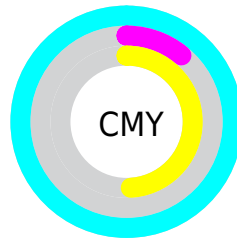
- Red (0%)
- Green (89%)
- Blue (51%)



- Red (0%)
- Yellow (57%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (43%)
- Black (11%)



- Cyan (100%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E381 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 00E381 by changing the saturation by 10% instead.

 00E381

 00E381

FFFFFF

 00C667

 6CFFB7

 00AA4E

 8DFFD3

 008E36

 ADFFE7

 00731D

 CDFFFF

 005902

 ECFFFF

 004000

 002800

 000000

 00E381

 17E38B

 2DE395

 44E39E

 5BE3A8

 72E3B2

 88E3BC

 9FE3C6

 B6E3CF

 CCE3D9

Harmonies

Analogous

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



9CD842



00E381



00E8CA

Triad

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



00E381



00CCFF



FF8D7E

Complementary

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



00E381



E30062

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.



FF81C3



00E381



CFB1FF

Square

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



00E381



00DEFF



FF92FF



FFAA44

Rectangle

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



00E381



00E8FB



FF92FF



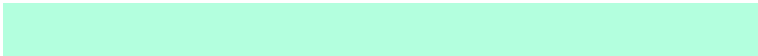
FF8694

Sweetspot

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



00E381



B3FFDE



62E300



52806C



000000



808080

Same Dimension

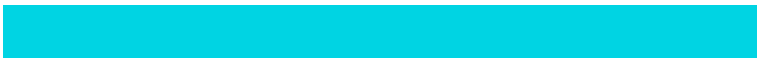
The Same Dimension uses a secret algorithm to generate beautiful new colors.



00E381



00FF91



00D4E3



67736E



00B365



00331D

Inverse Universe

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



E30062



FF006E



E30F00



73676C



B3004D



330016

Previews

White Background



This preview shows how the Hex color 00E381 looks on a white background.

Color Contrast Check

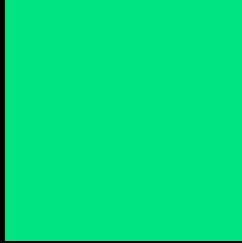
Large Text (above 18pt) WCAG AA × Fail

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 00E381 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 00E381 Background



This preview shows how black text looks on a background with the Hex color 00E381.

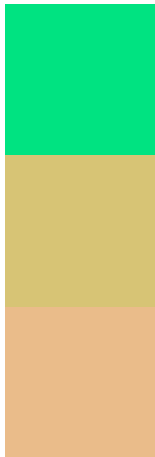


This preview shows how white text looks on a background with the Hex color 00E381.

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](#).

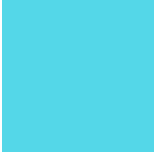
Dichromacy



Original Color
00E381

Protanopia
D7C475

Deuteranopia
EABC8A



Tritanopia
54D7E8

Trichromacy



Original Color
00E381



Protanomaly
89CF79



Deuteranomaly
95CA87



Tritanomaly
35DBC3

Monochromacy



Original Color
00E381



Achromatopsia
949494



Achromatomaly
5EB18D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E381 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 #00E381 looks like.

```
.text, #text, p{  
    color:#00E381  
}
```

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 #00E381 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E381
}
```

Border

The CSS property to change the border of an element to Hex 00E381 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
#00E381 }
```

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

```
.border{ border-color:#00E381 }
```

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

Here you see how a box with a 4 pixel #00E381 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E381; -webkit-box-shadow:4px 4px  
4px 4px #00E381; box-shadow:4px 4px 4px  
4px #00E381 }
```

Background

The CSS property to change the background color of an element to Hex 00E381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E381 }
```

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

```
.background{ background-color:#00E381 }
```

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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