

Converting Colors

Hex(06E575)

Have a look what the booklet for
Hex(06E575) contains.

Hex(06E575)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(06E575)

Conversions

Conversions Part 1

Format	Color
Hex	06E575
RGB	6, 229, 117
RGB Percent	2%, 90%, 46%
CMY	0.9765, 0.1020, 0.5412
CMYK	0.97, 0.00, 0.49, 0.10
HSL	150°, 95%, 46%
HSV	150°, 97%, 90%
XYZ	31.3053, 57.3617, 26.2516
YIQ	149.5550, -96.9560, -82.1080

Conversions

Conversions Part 2

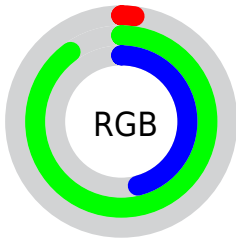
Format	Color
RYB	6, 155, 229
Decimal	451957
CIELab	80.38, -70.14, 41.70
CIELCh	80, 81.601, 149.269
Yxy	57.3617, 0.2724, 0.4992
Android (android.graphics.Color)	4278642037 (0xFF06E575)
YUV	149.5550, -16.0496, -125.8977
Hunter-Lab	75.7375, -58.7595, 32.4656

Details

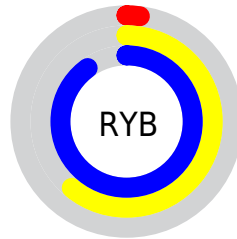
The Hex color **06E575** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E50676**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **6EFFAB**, and **00AC42** is the 20% darker color. If you saturate the color by 10%, you get **00E572**, and if you desaturate by 10%, it is **1DE581**.

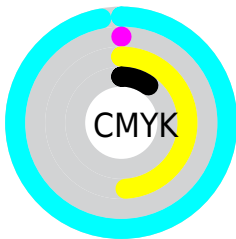
Distribution



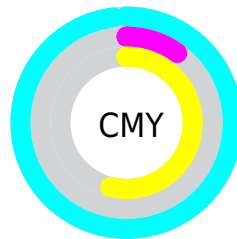
- Red (2%)
- Green (90%)
- Blue (46%)



- Red (2%)
- Yellow (61%)
- Blue (90%)



- Cyan (97%)
- Magenta (0%)
- Yellow (49%)
- Black (10%)



- Cyan (98%)
- Magenta (10%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06E575 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 06E575 by changing the saturation by 10% instead.

 06E575

FFFFFF

 6EFFAB

 8FFFC7

 AFFFE3

 CFFFFFF

 EFFFFFF

 06E575

 00C85B

 00AC42

 009028

 00750B

 005B00

 004200

 002900

 000300

 000000

■ 06E575

■ 06E575

■ 00E572

■ 1DE581

■ 34E58C

■ 4BE598

■ 62E5A3

■ 79E5AF

■ 8FE5BA

■ A6E5C6

■ BDE5D1

■ D4E5DD

Harmonies

Analogous

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



A3D92F



06E575



00EBC3

Triad

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



06E575



00D1FF



FF8682

Complementary

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



06E575



E50676

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.



FF7BCD



06E575



C2B4FF

Square

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



06E575



00E3FF



FF91FF



FFA540

Rectangle

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



06E575



00EBF8



FF91FF



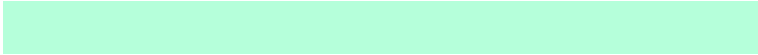
FF7F9A

Sweetspot

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



06E575



B5FFDA



79E506



538069



000000



808080

Same Dimension

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



06E575



00FF7F



06E5E1



67736D



00B359



003319

Inverse Universe

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



E50676



FF0080



E5060A



73676D



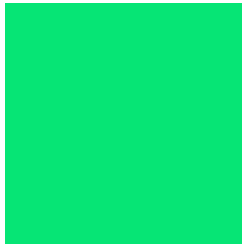
B3005A



33001A

Previews

White Background



This preview shows how the Hex color 06E575 looks on a white background.

Color Contrast Check

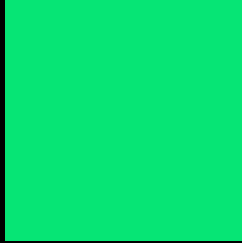
Large Text (above 18pt) WCAG AA × Fail

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 06E575 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 06E575 Background



This preview shows how black text looks on a background with the Hex color 06E575.

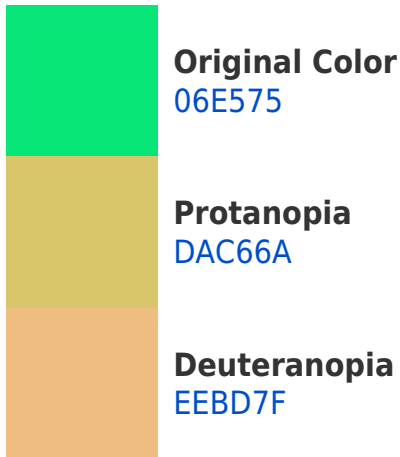


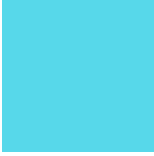
This preview shows how white text looks on a background with the Hex color 06E575.

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](#).

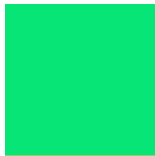
Dichromacy





Tritanopia
57D8EA

Trichromacy



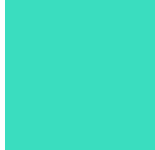
Original Color
06E575



Protanomaly
8DD16E



Deuteranomaly
9ACC7B



Tritanomaly
3ADDBF

Monochromacy



Original Color
06E575



Achromatopsia
969696



Achromatomaly
62B38A

CSS Examples

Text

The CSS property to change the color of the text to Hex 06E575 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 #06E575 looks like.

```
.text, #text, p{  
    color:#06E575  
}
```

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 #06E575 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06E575  
}
```

Border

The CSS property to change the border of an element to Hex 06E575 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  
#06E575 }
```

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

```
.border{ border-color:#06E575 }
```

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

Here you see how a box with a 4 pixel #06E575 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06E575; -webkit-box-shadow:4px 4px  
4px 4px #06E575; box-shadow:4px 4px 4px  
4px #06E575 }
```

Background

The CSS property to change the background color of an element to Hex 06E575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06E575 }
```

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

```
.background{ background-color:#06E575 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor