

Converting Colors

Hex(05E483)

Have a look what the booklet for
Hex(05E483) contains.

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Color

Hex(05E483)

Conversions

Conversions Part 1

Format	Color
Hex	05E483
RGB	5, 228, 131
RGB Percent	2%, 89%, 51%
CMY	0.9804, 0.1059, 0.4863
CMYK	0.98, 0.00, 0.43, 0.11
HSL	154°, 96%, 46%
HSV	154°, 98%, 89%
XYZ	31.9027, 57.1578, 30.8238
YIQ	150.2650, -101.7710, -77.4430

Conversions

Conversions Part 2

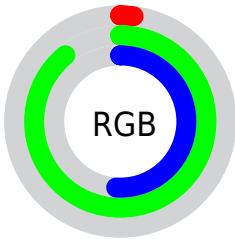
Format	Color
RYB	5, 147, 228
Decimal	386179
CIELab	80.27, -67.47, 34.66
CIELCh	80, 75.848, 152.811
Yxy	57.1578, 0.2661, 0.4768
Android (android.graphics.Color)	4278576259 (0xFF05E483)
YUV	150.2650, -9.4976, -127.3974
Hunter-Lab	75.6028, -56.9817, 28.7489

Details

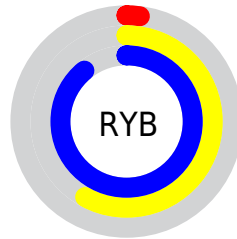
The Hex color **05E483** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **E40566**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **6DFFB9**, and **00AB50** is the 20% darker color. If you saturate the color by 10%, you get **00E481**, and if you desaturate by 10%, it is **1CE48D**.

Distribution



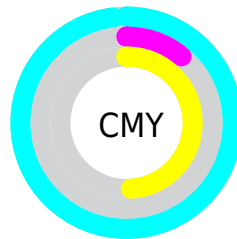
- Red (2%)
- Green (89%)
- Blue (51%)



- Red (2%)
- Yellow (58%)
- Blue (89%)



- Cyan (98%)
- Magenta (0%)
- Yellow (43%)
- Black (11%)



- Cyan (98%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05E483 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 05E483 by changing the saturation by 10% instead.

 05E483

 05E483

FFFFFF

 00C769

 6DFFB9

 00AB50

 8EFFD5

 008F38

 AEFFF2

 00741F

 CEFFFF

 005A04

 EDFFFF

 004100

 002900

 000200

 000000

 05E483

 05E483

 00E481

 1CE48D

 33E497

 49E4A1

 60E4AB

 77E4B5

 8EE4BF

 A5E4C8

 BBE4D2

 D2E4DC

Harmonies

Analogous

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



9DD945



05E483



00E9CC

Triad

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



05E483



00CFFF



FF8F7E

Complementary

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



05E483



E40566

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.



FF83C3



05E483



D1B1FF

Square

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



05E483



00DFFF



FF93FF



FFAB45

Rectangle

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



05E483



00E9FC



FF93FF



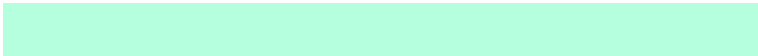
FF8894

Sweetspot

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



05E483



B5FFDF



69E405



53806C



000000



808080

Same Dimension

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



05E483



00FF90



05D9E4



67736E



00B365



00331D

Inverse Universe

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



E40566



FF006F



E41005



73676C



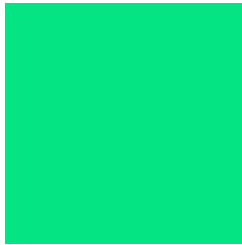
B3004E



330016

Previews

White Background



This preview shows how the Hex color 05E483 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 05E483 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 05E483 Background



This preview shows how black text looks on a background with the Hex color 05E483.

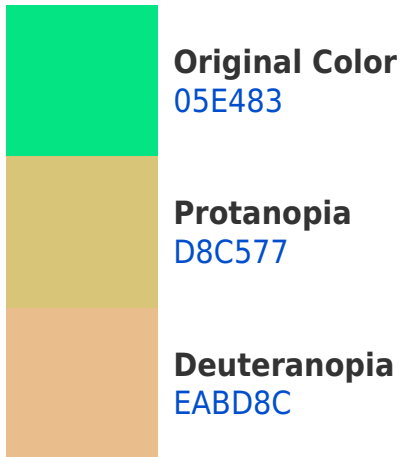


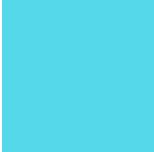
This preview shows how white text looks on a background with the Hex color 05E483.

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
54D8EA

Trichromacy



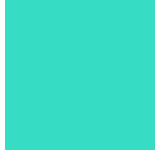
Original Color
05E483



Protanomaly
8BD07B



Deuteranomaly
97CB89



Tritanomaly
37DCC5

Monochromacy



Original Color
05E483



Achromatopsia
969696



Achromatomaly
61B28F

CSS Examples

Text

The CSS property to change the color of the text to Hex 05E483 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 #05E483 looks like.

```
.text, #text, p{  
    color:#05E483  
}
```

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 #05E483 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05E483
}
```

Border

The CSS property to change the border of an element to Hex 05E483 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
#05E483 }
```

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

```
.border{ border-color:#05E483 }
```

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

Here you see how a box with a 4 pixel #05E483 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05E483; -webkit-box-shadow:4px 4px  
4px 4px #05E483; box-shadow:4px 4px 4px  
4px #05E483 }
```

Background

The CSS property to change the background color of an element to Hex 05E483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05E483 }
```

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

```
.background{ background-color:#05E483 }
```

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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