

Converting Colors

Hex(05DE6A)

Have a look what the booklet for
Hex(05DE6A) contains.

Hex(05DE6A)	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(05DE6A)

Conversions

Conversions Part 1

Format	Color
Hex	05DE6A
RGB	5, 222, 106
RGB Percent	2%, 87%, 42%
CMY	0.9804, 0.1294, 0.5843
CMYK	0.98, 0.00, 0.52, 0.13
HSL	148°, 96%, 45%
HSV	148°, 98%, 87%
XYZ	28.7854, 53.3154, 22.4094
YIQ	143.8930, -92.0960, -82.0800

Conversions

Conversions Part 2

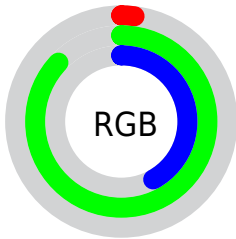
Format	Color
RYB	5, 153, 222
Decimal	384618
CIELab	78.06, -69.66, 44.09
CIELCh	78, 82.441, 147.668
Yxy	53.3154, 0.2754, 0.5101
Android (android.graphics.Color)	4278574698 (0xFF05DE6A)
YUV	143.8930, -18.6812, -121.8092
Hunter-Lab	73.0174, -57.4111, 32.9158

Details

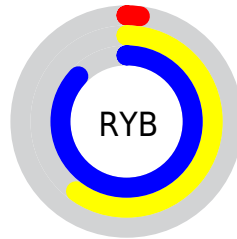
The Hex color **05DE6A** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **DE0579**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **6CFF9F**, and **00A537** is the 20% darker color. If you saturate the color by 10%, you get **00DE67**, and if you desaturate by 10%, it is **1BDE76**.

Distribution



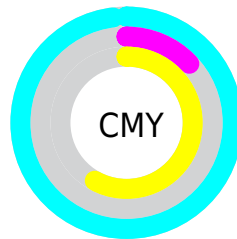
- Red (2%)
- Green (87%)
- Blue (42%)



- Red (2%)
- Yellow (60%)
- Blue (87%)



- Cyan (98%)
- Magenta (0%)
- Yellow (52%)
- Black (13%)



- Cyan (98%)
- Magenta (13%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05DE6A 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 05DE6A by changing the saturation by 10% instead.

 05DE6A

 05DE6A

FFFFFF

 00C150

 6CFF9F

 00A537

 8DFFBB

 008A1C

 ADFFD7

 006F00

 CCFFF4

 005500

 ECFFF5

 003C00

 002300

 000000

 05DE6A

 05DE6A

■ 00DE67

■ 1BDE76

■ 31DE82

■ 48DE8E

■ 5EDE99

■ 74DEA5

■ 8ADEB1

■ A0DEBD

■ B7DEC9

■ CDDED5

Harmonies

Analogous

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



A0D120



05DE6A



00E4B8

Triad

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



05DE6A



00CCFF



FF7D7F

Complementary

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



05DE6A



DE0579

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.



FF73CA



05DE6A



B3AFFF

Square

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



05DE6A



00DDFF



FF8BFF



FF9D3B

Rectangle

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



05DE6A



00E5ED



FF8BFF



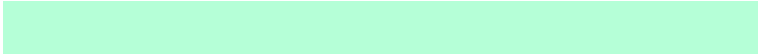
FF7597

Sweetspot

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



05DE6A



B5FFD7



7CDE05



538068



000000



808080

Same Dimension

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



05DE6A



00FF77



05DED3



65706A



00B052



003017

Inverse Universe

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



DE0579



FF0088



DE0510



70656B



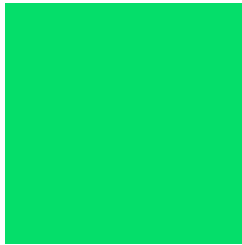
B0005E



30001A

Previews

White Background



This preview shows how the Hex color 05DE6A 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 05DE6A 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 05DE6A Background



This preview shows how black text looks on a background with the Hex color 05DE6A.

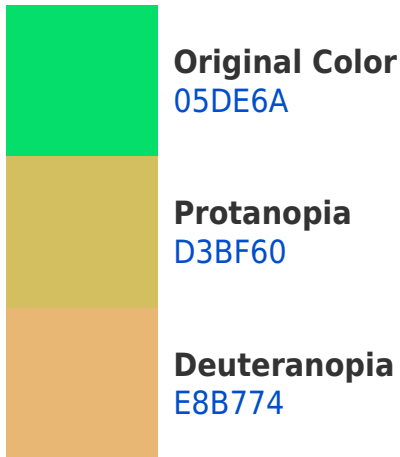


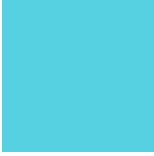
This preview shows how white text looks on a background with the Hex color 05DE6A.

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](#).

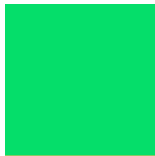
Dichromacy





Tritanopia
56D1E2

Trichromacy



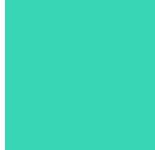
Original Color
05DE6A



Protanomaly
88CA64



Deuteranomaly
95C570



Tritanomaly
39D6B6

Monochromacy



Original Color
05DE6A



Achromatopsia
909090



Achromatomaly
5DAC82

CSS Examples

Text

The CSS property to change the color of the text to Hex 05DE6A 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 #05DE6A looks like.

```
.text, #text, p{  
    color:#05DE6A  
}
```

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 #05DE6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05DE6A
}
```

Border

The CSS property to change the border of an element to Hex 05DE6A 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
#05DE6A }
```

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

```
.border{ border-color:#05DE6A }
```

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

Here you see how a box with a 4 pixel #05DE6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05DE6A; -webkit-box-shadow:4px 4px  
4px 4px #05DE6A; box-shadow:4px 4px 4px  
4px #05DE6A }
```

Background

The CSS property to change the background color of an element to Hex 05DE6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05DE6A }
```

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

```
.background{ background-color:#05DE6A }
```

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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