

Converting Colors

Hex(05E04C)

Have a look what the booklet for
Hex(05E04C) contains.

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Color

Hex(05E04C)

Conversions

Conversions Part 1

Format	Color
Hex	05E04C
RGB	5, 224, 76
RGB Percent	2%, 88%, 30%
CMY	0.9804, 0.1216, 0.7020
CMYK	0.98, 0.00, 0.66, 0.12
HSL	139°, 96%, 45%
HSV	139°, 98%, 88%
XYZ	28.0227, 53.8654, 15.7576
YIQ	141.6470, -83.0160, -92.4560

Conversions

Conversions Part 2

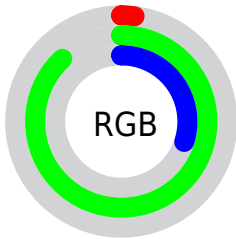
Format	Color
RYB	5, 170, 224
Decimal	385100
CIELab	78.38, -74.04, 57.73
CIELCh	78, 93.885, 142.059
Yxy	53.8654, 0.2870, 0.5516
Android (android.graphics.Color)	4278575180 (0xFF05E04C)
YUV	141.6470, -32.3640, -119.8394
Hunter-Lab	73.3930, -60.2834, 38.6455

Details

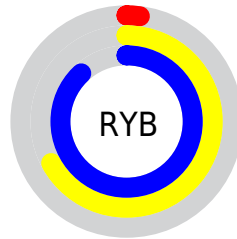
The Hex color **05E04C** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E00599**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6EFF83**, and **00A70A** is the 20% darker color. If you saturate the color by 10%, you get **00E049**, and if you desaturate by 10%, it is **1BE05B**.

Distribution



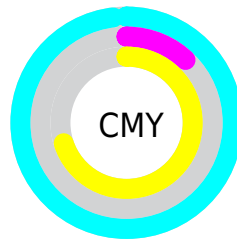
- Red (2%)
- Green (88%)
- Blue (30%)



- Red (2%)
- Yellow (67%)
- Blue (88%)



- Cyan (98%)
- Magenta (0%)
- Yellow (66%)
- Black (12%)



- Cyan (98%)
- Magenta (12%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05E04C 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 05E04C by changing the saturation by 10% instead.

 05E04C

 05E04C

FFFFFF

 00C330

 6EFF83

 00A70A

 8FFF9E

 008B00

 AFFFBB

 007000

 CFFFD7

 005600

 EFFFF5

 003E00

 002400

 000000

 05E04C

 05E04C

 00E049

 1BE05B

 32E06A

 48E079

 5FE089

 75E098

 8BE0A7

 A2E0B6

 B8E0C5

 CFE0D4

Harmonies

Analogous

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



ABD100



05E04C



00E7A7

Triad

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



05E04C



00D3FF



FF6786

Complementary

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



05E04C



E00599

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.



FF62DD



05E04C



87B5FF

Square

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



05E04C



00E3FF



FF89FF



FF8F33

Rectangle

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



05E04C



00E9E4



FF89FF



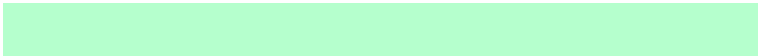
FF5FA3

Sweetspot

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



05E04C



B5FFCD



9BE005



538061



000000



808080

Same Dimension

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



05E04C



00FF53



05E0B8



657069



00B039



003010

Inverse Universe

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



E00599



FF00AC



E0052D



70656D



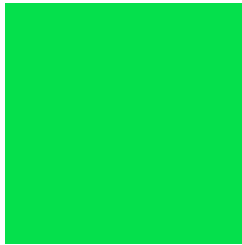
B00077



300021

Previews

White Background



This preview shows how the Hex color 05E04C 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 05E04C 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 05E04C Background



This preview shows how black text looks on a background with the Hex color 05E04C.

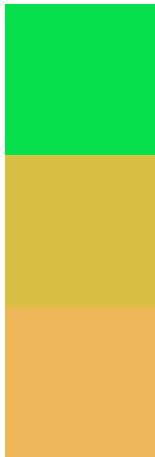


This preview shows how white text looks on a background with the Hex color 05E04C.

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](#).

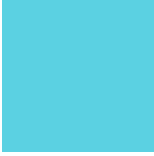
Dichromacy



Original Color
05E04C

Protanopia
D7C043

Deuteranopia
EDB759



Tritanopia
5BD1E2

Trichromacy



Original Color
05E04C



Protanomaly
8BCC46



Deuteranomaly
99C654



Tritanomaly
3CD6AB

Monochromacy



Original Color
05E04C



Achromatopsia
8E8E8E



Achromatomaly
5CAC76

CSS Examples

Text

The CSS property to change the color of the text to Hex 05E04C 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 #05E04C looks like.

```
.text, #text, p{  
    color:#05E04C  
}
```

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 #05E04C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05E04C
}
```

Border

The CSS property to change the border of an element to Hex 05E04C 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
#05E04C }
```

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

```
.border{ border-color:#05E04C }
```

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

Here you see how a box with a 4 pixel #05E04C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05E04C; -webkit-box-shadow:4px 4px  
4px 4px #05E04C; box-shadow:4px 4px 4px  
4px #05E04C }
```

Background

The CSS property to change the background color of an element to Hex 05E04C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05E04C }
```

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

```
.background{ background-color:#05E04C }
```

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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