

Converting Colors

Hex(05D32C)

Have a look what the booklet for
Hex(05D32C) contains.

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Color

Hex(05D32C)

Conversions

Conversions Part 1

Format	Color
Hex	05D32C
RGB	5, 211, 44
RGB Percent	2%, 83%, 17%
CMY	0.9804, 0.1725, 0.8275
CMYK	0.98, 0.00, 0.79, 0.17
HSL	131°, 95%, 42%
HSV	131°, 98%, 83%
XYZ	23.8115, 46.8026, 10.1617
YIQ	130.3680, -69.1690, -95.6090

Conversions

Conversions Part 2

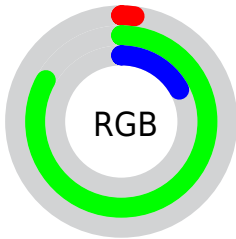
Format	Color
RYB	5, 178, 211
Decimal	381740
CIELab	74.06, -73.00, 64.56
CIELCh	74, 97.457, 138.512
Yxy	46.8026, 0.2948, 0.5794
Android (android.graphics.Color)	4278571820 (0xFF05D32C)
YUV	130.3680, -42.5794, -109.9477
Hunter-Lab	68.4125, -57.5935, 39.0820

Details

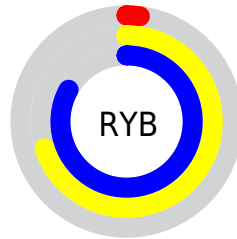
The Hex color **05D32C** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **D305AC**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **6BFF67**, and **009B00** is the 20% darker color. If you saturate the color by 10%, you get **00D328**, and if you desaturate by 10%, it is **1AD33D**.

Distribution



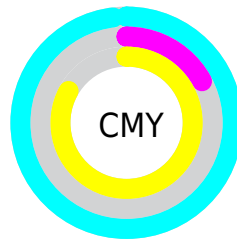
- Red (2%)
- Green (83%)
- Blue (17%)



- Red (2%)
- Yellow (70%)
- Blue (83%)



- Cyan (98%)
- Magenta (0%)
- Yellow (79%)
- Black (17%)



- Cyan (98%)
- Magenta (17%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05D32C 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 05D32C by changing the saturation by 10% instead.

 05D32C

 05D32C

FFFFFF

 00B600

 6BFF67

 009B00

 8CFF83

 007F00

 ACFF9F

 006500

 CCFFBC

 004B00

 EBFFD9

 003300

 FFFFF6

 001700

 000000

 05D32C

 05D32C

 00D328

 1AD33D

 2FD34E

 44D35F

 59D370

 6FD382

 84D393

 99D3A4

 AED3B5

 C3D3C6

Harmonies

Analogous

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



A7C300



05D32C



00DB8F

Triad

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



05D32C



00CBFF



FF4B83

Complementary

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



05D32C



D305AC

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.



FF4DDD



05D32C



47AEFF

Square

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



05D32C



00D9FF



FC80FF



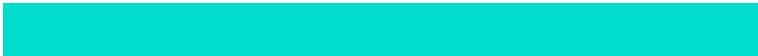
FF7B2B

Rectangle

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



05D32C



00DDCE



FC80FF



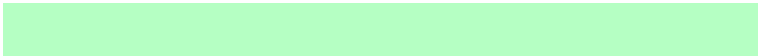
FF43A1

Sweetspot

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



05D32C



B5FFC3



ADD305



53805B



000000



808080

Same Dimension

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



05D32C



00FF30



05D392



5E6960



00A820



002908

Inverse Universe

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



D305AC



FF00CF



D30546



695E67



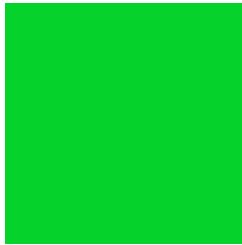
A80088



290021

Previews

White Background



This preview shows how the Hex color 05D32C 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



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 05D32C Background



This preview shows how black text looks on a background with the Hex color 05D32C.

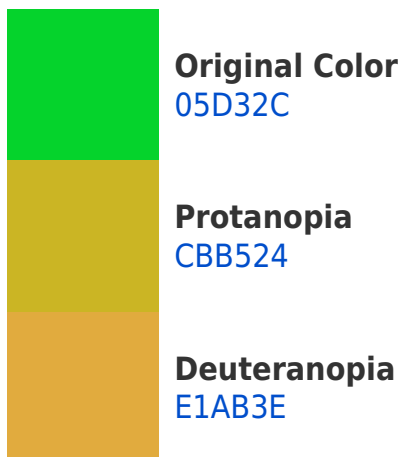


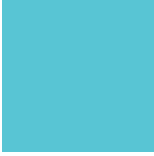
This preview shows how white text looks on a background with the Hex color 05D32C.

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
58C5D4

Trichromacy



Original Color
05D32C



Protanomaly
83C027



Deuteranomaly
91BA37



Tritanomaly
3ACA97

Monochromacy



Original Color
05D32C



Achromatopsia
828282



Achromatomaly
559F63

CSS Examples

Text

The CSS property to change the color of the text to Hex 05D32C 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 #05D32C looks like.

```
.text, #text, p{  
    color:#05D32C  
}
```

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 #05D32C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05D32C
}
```

Border

The CSS property to change the border of an element to Hex 05D32C 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
#05D32C }
```

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

```
.border{ border-color:#05D32C }
```

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

Here you see how a box with a 4 pixel #05D32C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05D32C; -webkit-box-shadow:4px 4px  
4px 4px #05D32C; box-shadow:4px 4px 4px  
4px #05D32C }
```

Background

The CSS property to change the background color of an element to Hex 05D32C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05D32C }
```

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

```
.background{ background-color:#05D32C }
```

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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