

Converting Colors

Hex(5DE90C)

Have a look what the booklet for
Hex(5DE90C) contains.

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Color

Hex(5DE90C)

Conversions

Conversions Part 1

Format	Color
Hex	5DE90C
RGB	93, 233, 12
RGB Percent	36%, 91%, 5%
CMY	0.6353, 0.0863, 0.9529
CMYK	0.60, 0.00, 0.95, 0.09
HSL	98°, 90%, 48%
HSV	98°, 95%, 91%
XYZ	33.7195, 60.6315, 10.2737
YIQ	165.9460, -12.4990, -98.4110

Conversions

Conversions Part 2

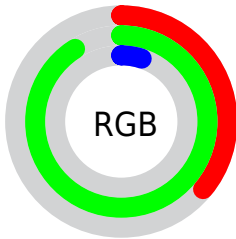
Format	Color
RYB	12, 233, 152
Decimal	6154508
CIELab	82.18, -69.23, 78.23
CIElCh	82, 104.463, 131.511
Yxy	60.6315, 0.3223, 0.5795
Android (android.graphics.Color)	4284344588 (0xFF5DE90C)
YUV	165.9460, -75.8954, -63.9736
Hunter-Lab	77.8662, -58.9677, 46.6836

Details

The Hex color **5DE90C** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **980CE9**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **9EFF5B**, and **00B000** is the 20% darker color. If you saturate the color by 10%, you get **55E900**, and if you desaturate by 10%, it is **6CE923**.

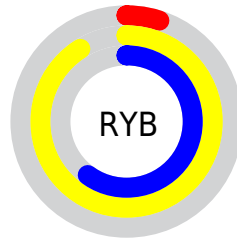
Distribution



Red (36%)

Green (91%)

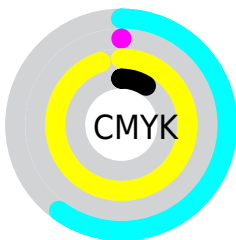
Blue (5%)



Red (5%)

Yellow (91%)

Blue (60%)

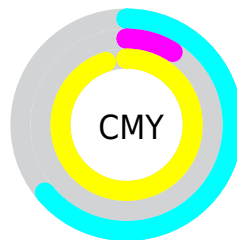


Cyan (60%)

Magenta (0%)

Yellow (95%)

Black (9%)



Cyan (64%)

Magenta (9%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DE90C 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 5DE90C by changing the saturation by 10% instead.

 5DE90C

 5DE90C

FFFFFF

 37CC00

 9EFF5B

 00B000

 BDFF79

 009400

 DCFF96

 007900

 FBFFB4

 005F00

 FFFFD1

 004600

 FFFFEF

 002E00

 000E00

 000000

 5DE90C

 5DE90C

 55E900

 6CE923

 7BE93B

 89E952

 98E969

 A7E980

 B6E998

 C4E9AF

 D3E9C6

 E2E9DE

Harmonies

Analogous

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



D3D400



5DE90C



00F48A

Triad

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



5DE90C



00E8FF



FF53AB

Complementary

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



5DE90C



980CE9

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.



FF67FF



5DE90C



00CCFF

Square

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



5DE90C



00F5FF



FD9EFF



FF804D

Rectangle

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



5DE90C



00F7CF



FD9EFF



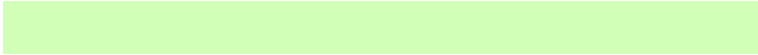
FF51CC

Sweetspot

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



5DE90C



D2FFB8



E9980C



648054



000000



808080

Same Dimension

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



5DE90C



5DFF00



0CE929



6E756A



42B500



143600

Inverse Universe

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



980CE9



A200FF



E90CCC



716A75



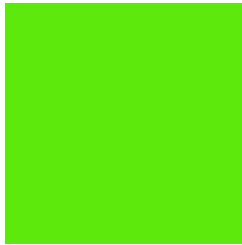
7300B5



220036

Previews

White Background



This preview shows how the Hex color 5DE90C looks on a white background.

Color Contrast Check

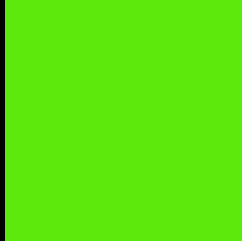
Large Text (above 18pt) WCAG AA × Fail

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 5DE90C 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

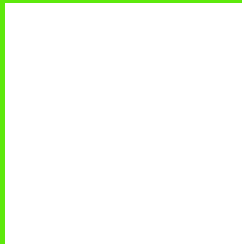
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5DE90C Background



This preview shows how black text looks on a background with the Hex color 5DE90C.

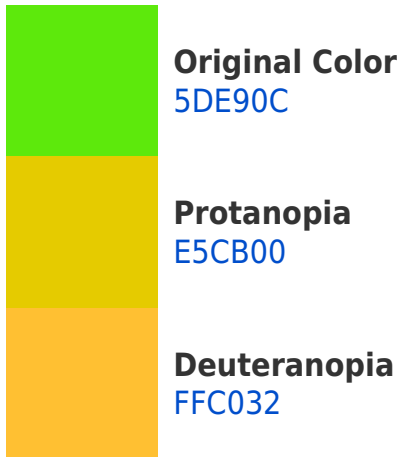


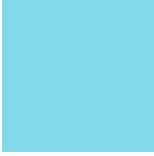
This preview shows how white text looks on a background with the Hex color 5DE90C.

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](#).

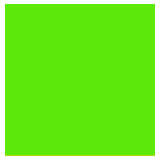
Dichromacy





Tritanopia
83D9EA

Trichromacy



Original Color
5DE90C



Protanomaly
B4D604



Deuteranomaly
C4CF24



Tritanomaly
75DF99

Monochromacy



Original Color
5DE90C



Achromatopsia
A6A6A6



Achromatomaly
8BBE6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DE90C 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 #5DE90C looks like.

```
.text, #text, p{  
    color:#5DE90C  
}
```

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 #5DE90C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DE90C
}
```

Border

The CSS property to change the border of an element to Hex 5DE90C 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
#5DE90C }
```

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

```
.border{ border-color:#5DE90C }
```

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

Here you see how a box with a 4 pixel #5DE90C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DE90C; -webkit-box-shadow:4px 4px  
4px 4px #5DE90C; box-shadow:4px 4px 4px  
4px #5DE90C }
```

Background

The CSS property to change the background color of an element to Hex 5DE90C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DE90C }
```

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

```
.background{ background-color:#5DE90C }
```

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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