

Converting Colors

Hex(5CD90E)

Have a look what the booklet for
Hex(5CD90E) contains.

Hex(5CD90E)	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(5CD90E)

Conversions

Conversions Part 1

Format	Color
Hex	5CD90E
RGB	92, 217, 14
RGB Percent	36%, 85%, 5%
CMY	0.6392, 0.1490, 0.9451
CMYK	0.58, 0.00, 0.94, 0.15
HSL	97°, 88%, 45%
HSV	97°, 94%, 85%
XYZ	29.3058, 51.9327, 8.8949
YIQ	156.4830, -9.3370, -89.6330

Conversions

Conversions Part 2

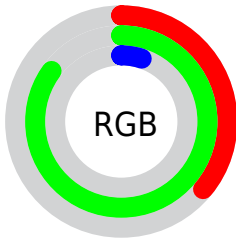
Format	Color
RYB	14, 217, 139
Decimal	6084878
CIELab	77.24, -64.11, 73.98
CIELCh	77, 97.895, 130.914
Yxy	51.9327, 0.3251, 0.5762
Android (android.graphics.Color)	4284274958 (0xFF5CD90E)
YUV	156.4830, -70.2441, -56.5516
Hunter-Lab	72.0644, -53.5237, 43.1269

Details

The Hex color **5CD90E** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **8B0ED9**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **9BFF59**, and **00A100** is the 20% darker color. If you saturate the color by 10%, you get **53D900**, and if you desaturate by 10%, it is **69D924**.

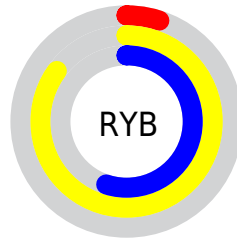
Distribution



Red (36%)

Green (85%)

Blue (5%)



Red (5%)

Yellow (85%)

Blue (55%)

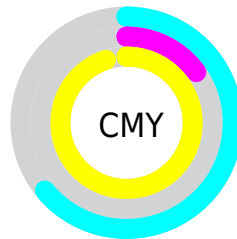


Cyan (58%)

Magenta (0%)

Yellow (94%)

Black (15%)



Cyan (64%)

Magenta (15%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CD90E 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 5CD90E by changing the saturation by 10% instead.

 5CD90E

 5CD90E

FFFFFF

 38BD00

 9BFF59

 00A100

 B9FF76

 008600

 D8FF93

 006B00

 F7FFB0

 005200

 FFFFCD

 003A00

 FFFFEB

 002100

 000000

 5CD90E

 5CD90E

■ 53D900

■ 69D924

■ 77D939

■ 84D94F

■ 91D965

■ 9FD97A

■ ACD990

■ BAD9A6

■ C7D9BC

■ D4D9D1

Harmonies

Analogous

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



C7C500



5CD90E



00E37F

Triad

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



5CD90E



00D9FF



FF50A2

Complementary

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



5CD90E



8B0ED9

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.



FF63FC



5CD90E



00BFFF

Square

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



5CD90E



00E4FF



E995FF



FF774B

Rectangle

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



5CD90E



00E6BF



E995FF



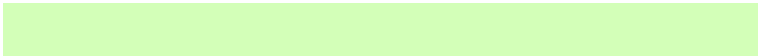
FF4FC0

Sweetspot

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



5CD90E



D3FFB8



D9880E



658054



000000



808080

Same Dimension

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



5CD90E



62FF00



0ED922



676E63



43AD00



122E00

Inverse Universe

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



8B0ED9



9D00FF



D90EC5



69636E



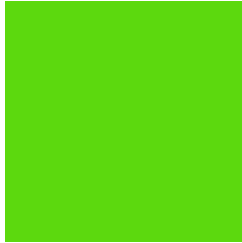
6B00AD



1C002E

Previews

White Background



This preview shows how the Hex color 5CD90E looks on a white background.

Color Contrast Check

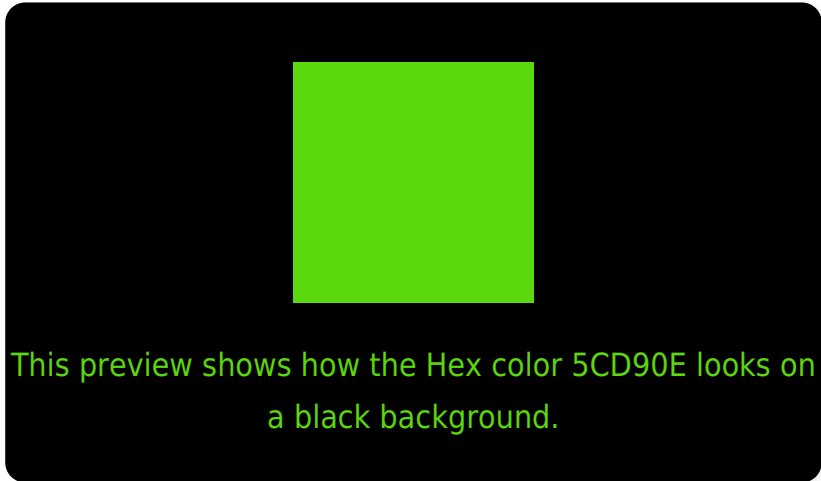
Large Text (above 18pt) WCAG AA × Fail

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

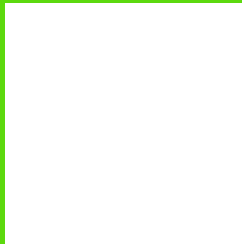
Any Text WCAG AAA ✓ Pass

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

Hex 5CD90E Background



This preview shows how black text looks on a background with the Hex color 5CD90E.

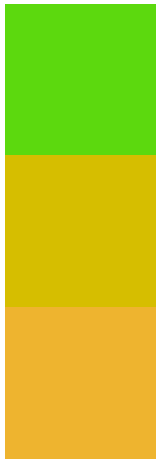


This preview shows how white text looks on a background with the Hex color 5CD90E.

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](#).

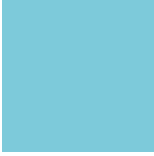
Dichromacy



Original Color
5CD90E

Protanopia
D6BE00

Deuteranopia
EEB42F



Trichromacy



Original Color
5CD90E



Protanomaly
AAC805



Deuteranomaly
B9C123



Tritanomaly
71CF90

Monochromacy



Original Color
5CD90E



Achromatopsia
9C9C9C



Achromatomaly
85B268

CSS Examples

Text

The CSS property to change the color of the text to Hex 5CD90E 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 #5CD90E looks like.

```
.text, #text, p{  
    color:#5CD90E  
}
```

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 #5CD90E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CD90E
}
```

Border

The CSS property to change the border of an element to Hex 5CD90E 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".

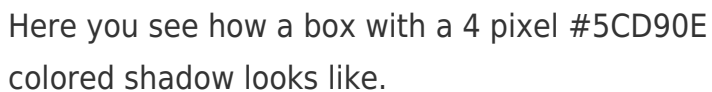
```
.border, #border, table{ border:4px solid
#5CD90E }
```

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

```
.border{ border-color:#5CD90E }
```

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

Here you see how a box with a 4 pixel #5CD90E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CD90E; -webkit-box-shadow:4px 4px  
4px 4px #5CD90E; box-shadow:4px 4px 4px  
4px #5CD90E }
```

Background

The CSS property to change the background color of an element to Hex 5CD90E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CD90E }
```

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

```
.background{ background-color:#5CD90E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor