

# Converting Colors

Hex(5CD549)

Have a look what the booklet for  
Hex(5CD549) contains.

<b>Hex(5CD549)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(5CD549)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CD549
RGB	92, 213, 73
RGB Percent	36%, 84%, 29%
CMY	0.6392, 0.1647, 0.7137
CMYK	0.57, 0.00, 0.66, 0.16
HSL	112°, 63%, 56%
HSV	112°, 66%, 84%
XYZ	29.4105, 50.3449, 14.4708
YIQ	160.8610, -27.1760, -69.1920

# Conversions

## Conversions Part 2

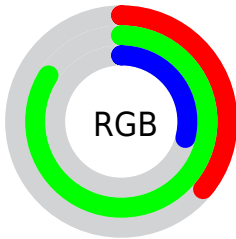
Format	Color
<a href="#">RYB</a>	<a href="#">73, 213, 194</a>
Decimal	<a href="#">6083913</a>
CIELab	<a href="#">76.28, -59.57, 57.04</a>
CIElCh	<a href="#">76, 82.477, 136.244</a>
Yxy	<a href="#">50.3449, 0.3121, 0.5343</a>
Android (android.graphics.Color)	<a href="#">4284273993 (0xFF5CD549)</a>
YUV	<a href="#">160.8610, -43.3155, -60.3911</a>
Hunter-Lab	<a href="#">70.9541, -50.1814, 37.5759</a>

# Details

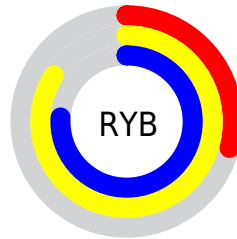
The Hex color **5CD549** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **C249D5**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **99FF7F**, and **059D06** is the 20% darker color. If you saturate the color by 10%, you get **4AD534**, and if you desaturate by 10%, it is **6ED55E**.

# Distribution



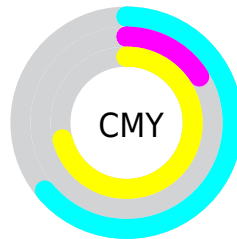
- Red (36%)
- Green (84%)
- Blue (29%)



- Red (29%)
- Yellow (84%)
- Blue (76%)



- Cyan (57%)
- Magenta (0%)
- Yellow (66%)
- Black (16%)



- Cyan (64%)
- Magenta (16%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CD549 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 5CD549 by changing the saturation by 10% instead.



 5CD549

 5CD549

FFFFFF

 3BB92D

 99FF7F

 059D06

 B6FF9B

 008200

 D4FFB7

 006800

 F3FFD4

 004F00

 FFFFF1

 003700

 001E00

 000000

 5CD549

 5CD549

 4AD534

 6ED55E

 37D51E

 81D574

 25D509

 93D589

 1DD500

 A6D59E

 B8D5B4

 CAD5C9

 DDD5DE

 EFD5F3

 FFD5FF

# Harmonies

## Analogous

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



B9C500



5CD549



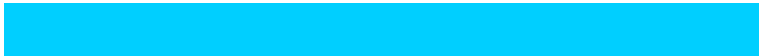
00DD95

# Triad

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



5CD549



00CFFF



FF6F96

# Complementary

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



5CD549



C249D5

# 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.



FF73E3



5CD549



6AB7FF

# Square

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



5CD549



00DBFF



F394FF



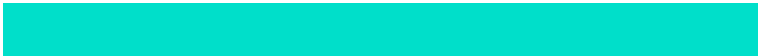
FF8B4F

# Rectangle

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



5CD549



00DFCA



F394FF



FF6CAF

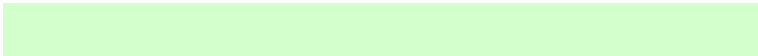


# Sweetspot

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



5CD549



D3FFCC



D5C049



658061



000000



808080



# Same Dimension

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



5CD549



51FF36



49D57A



626B60



17AB00



062B00



# Inverse Universe

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



C249D5



E436FF



D549A4



6A606B



9400AB

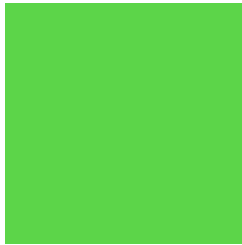


25002B



# Previews

## White Background



This preview shows how the Hex color 5CD549 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 5CD549 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 5CD549 Background



This preview shows how black text looks on a background with the Hex color 5CD549.

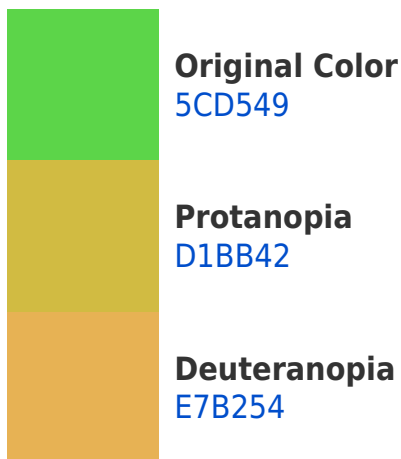


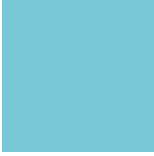
This preview shows how white text looks on a background with the Hex color 5CD549.

# 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**  
7AC7D7

# Trichromacy



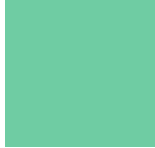
**Original Color**  
5CD549



**Protanomaly**  
A6C445



**Deuteranomaly**  
B4BF50



**Tritanomaly**  
6FCCA3

# Monochromacy



**Original Color**  
5CD549



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
88B481

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CD549 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 #5CD549 looks like.

```
.text, #text, p{  
    color:#5CD549  
}
```

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 #5CD549 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CD549
}
```

## Border

The CSS property to change the border of an element to Hex 5CD549 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
#5CD549 }
```

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

```
.border{ border-color:#5CD549 }
```

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

Here you see how a box with a 4 pixel #5CD549 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CD549; -webkit-box-shadow:4px 4px  
4px 4px #5CD549; box-shadow:4px 4px 4px  
4px #5CD549 }
```

# Background

The CSS property to change the background color of an element to Hex 5CD549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CD549 }
```

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

```
.background{ background-color:#5CD549 }
```

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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