

# Converting Colors

Hex(5DD763)

Have a look what the booklet for  
Hex(5DD763) contains.

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**Color**

**Hex(5DD763)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DD763
RGB	93, 215, 99
RGB Percent	36%, 84%, 39%
CMY	0.6353, 0.1569, 0.6118
CMYK	0.57, 0.00, 0.54, 0.16
HSL	123°, 60%, 60%
HSV	123°, 57%, 84%
XYZ	31.0668, 51.8289, 20.1710
YIQ	165.2980, -35.4760, -61.9400

# Conversions

## Conversions Part 2

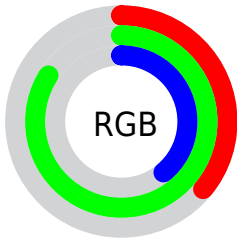
Format	Color
<b>RYB</b>	93, 209, 215
Decimal	6149987
CIELab	77.18, -57.21, 46.64
CIELCh	77, 73.813, 140.812
Yxy	51.8289, 0.3014, 0.5029
Android (android.graphics.Color)	4284340067 (0xFF5DD763)
YUV	165.2980, -32.6849, -63.4053
Hunter-Lab	71.9923, -48.9585, 33.7826

# Details

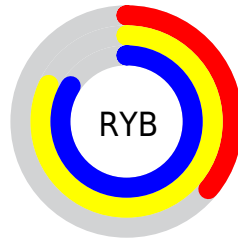
The Hex color **5DD763** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **D75DD1**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **99FF98**, and **0D9F2F** is the 20% darker color. If you saturate the color by 10%, you get **47D74F**, and if you desaturate by 10%, it is **72D777**.

# Distribution



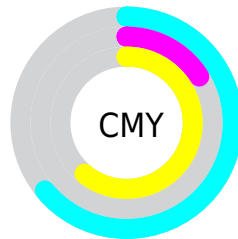
- Red (36%)
- Green (84%)
- Blue (39%)



- Red (36%)
- Yellow (82%)
- Blue (84%)



- Cyan (57%)
- Magenta (0%)
- Yellow (54%)
- Black (16%)



- Cyan (64%)
- Magenta (16%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DD763 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 5DD763 by changing the saturation by 10% instead.



 5DD763

 5DD763

FFFFFF

 3CBB49

 99FF98

 0D9F2F

 B6FFB4

 008412

 D4FFD0

 006A00

 F2FFED

 005000

 003800

 002100

 000000

 5DD763

 5DD763

 47D74F

 72D777

 32D73A

 88D78C

 1CD726

 9ED7A0

 07D711

 B3D7B5

 00D70B

 C9D7C9

 DED7DE

 F3D7F2

 FFD7FF

# Harmonies

## Analogous

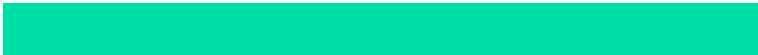
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B4C92E



5DD763



00DEA7

# Triad

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



5DD763



00CDFE



FF8192

# Complementary

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



5DD763



D75DD1

# 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.



FF80D7



5DD763



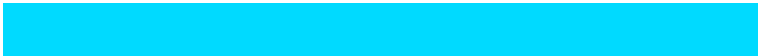
97B5FF

# Square

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



5DD763



00DAFF



FD97FF



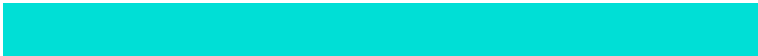
FF9855

# Rectangle

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



5DD763



00DFD6



FD97FF



FF7DA9

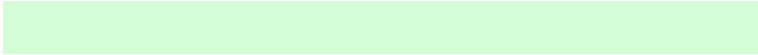


# Sweetspot

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



5DD763



D4FFD6



D3D75D



668067



000000



808080



# Same Dimension

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



5DD763



52FF5A



5DD79E



606B61



00AB08



002B02



# Inverse Universe

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



D75DD1



FF52F6



D75D96



6B606B



AB00A2

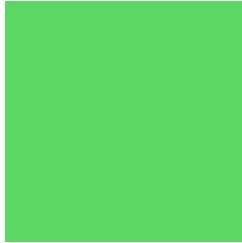


2B0029



# Previews

## White Background



This preview shows how the Hex color 5DD763 looks on a white background.

## Color Contrast Check

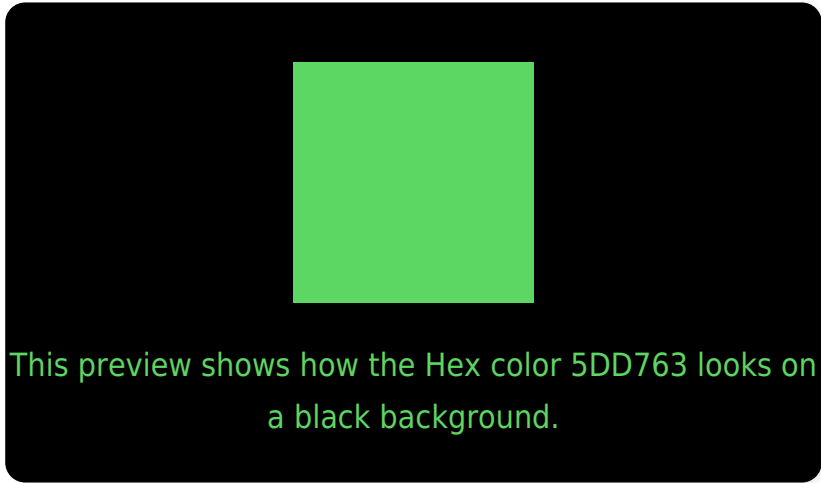
Large Text (above 18pt) WCAG AA × Fail

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 5DD763 Background



This preview shows how black text looks on a background with the Hex color 5DD763.

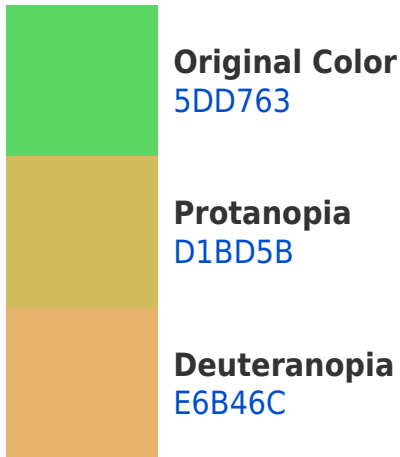


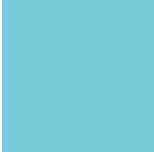
This preview shows how white text looks on a background with the Hex color 5DD763.

# 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**  
79CADB

# Trichromacy



**Original Color**  
5DD763



**Protanomaly**  
A7C65E



**Deuteranomaly**  
B4C169



**Tritanomaly**  
6FCFAF

# Monochromacy



**Original Color**  
5DD763



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
8BB78D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DD763 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 #5DD763 looks like.

```
.text, #text, p{  
    color:#5DD763  
}
```

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 #5DD763 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DD763
}
```

## Border

The CSS property to change the border of an element to Hex 5DD763 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
#5DD763 }
```

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

```
.border{ border-color:#5DD763 }
```

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

Here you see how a box with a 4 pixel #5DD763 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DD763; -webkit-box-shadow:4px 4px  
4px 4px #5DD763; box-shadow:4px 4px 4px  
4px #5DD763 }
```

# Background

The CSS property to change the background color of an element to Hex 5DD763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DD763 }
```

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

```
.background{ background-color:#5DD763 }
```

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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