

# Converting Colors

Hex(5DD699)

Have a look what the booklet for  
Hex(5DD699) contains.

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**Color**

**Hex(5DD699)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DD699
RGB	93, 214, 153
RGB Percent	36%, 84%, 60%
CMY	0.6353, 0.1608, 0.4000
CMYK	0.57, 0.00, 0.29, 0.16
HSL	150°, 60%, 60%
HSV	150°, 57%, 84%
XYZ	34.3105, 52.7202, 38.5047
YIQ	170.8670, -52.5350, -44.6230

# Conversions

## Conversions Part 2

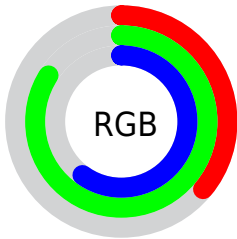
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 174, 214
Decimal	6149785
CIELab	77.71, -47.91, 20.14
CIELCh	78, 51.967, 157.202
Yxy	52.7202, 0.2733, 0.4200
Android (android.graphics.Color)	4284339865 (0xFF5DD699)
YUV	170.8670, -8.8084, -68.2894
Hunter-Lab	72.6087, -42.7167, 19.3844

# Details

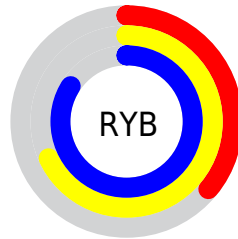
The Hex color **5DD699** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **D65D9A**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **98FFD0**, and **139E66** is the 20% darker color. If you saturate the color by 10%, you get **48D68E**, and if you desaturate by 10%, it is **72D6A4**.

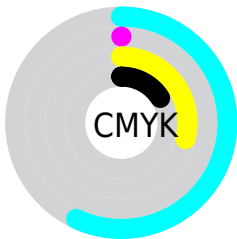
# Distribution



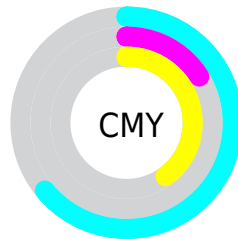
- Red (36%)
- Green (84%)
- Blue (60%)



- Red (36%)
- Yellow (68%)
- Blue (84%)



- Cyan (57%)
- Magenta (0%)
- Yellow (29%)
- Black (16%)



- Cyan (64%)
- Magenta (16%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DD699 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 5DD699 by changing the saturation by 10% instead.



 5DD699

 5DD699

FFFFFF

 3DBA7F

 98FFD0

 139E66

 B5FFEC

 00844D

 D3FFFF

 006A36

 F1FFFF

 005020

 00380A

 002200

 000000

 5DD699

 5DD699

 48D68E

 72D6A4

 32D683

 88D6AF

 1DD679

 9DD6B9

 07D66E

 B3D6C4

 00D66A

 C8D6CF

 DDD6DA

 F3D6E5

 FFD6EF

 FFD6FA

# Harmonies

## Analogous

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



9FCE71



5DD699



00D9CB

# Triad

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



5DD699



85C1FF



FFA088

# Complementary

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



5DD699



D65D9A

# 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.



FF98B6



5DD699



D4AFFF

# Square

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



5DD699



00CFFF



FF9EE6



FBB067

# Rectangle

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



5DD699



00D8EB



FF9EE6



FF9C97

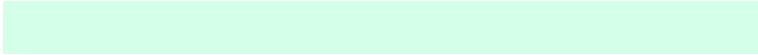


# Sweetspot

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



5DD699



D4FFE9



9CD65D



668073



000000



808080



# Same Dimension

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



5DD699



52FFA8



5DD6D4



606B66



00AB55



002B15



# Inverse Universe

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



D65D9A



FF52A9



D65D5F



6B6066



AB0056

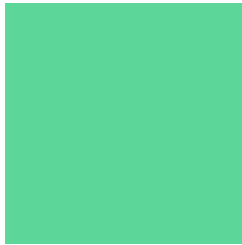


2B0016



# Previews

## White Background



This preview shows how the Hex color 5DD699 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 5DD699 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

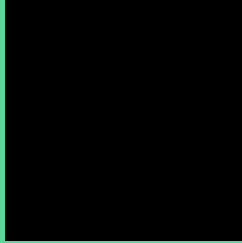
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5DD699 Background



This preview shows how black text looks on a background with the Hex color 5DD699.

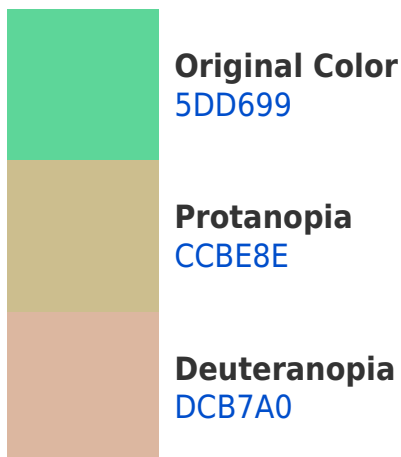


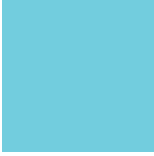
This preview shows how white text looks on a background with the Hex color 5DD699.

# 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**  
72CDDE

# Trichromacy



**Original Color**  
5DD699



**Protanomaly**  
A4C792



**Deuteranomaly**  
AEC29D



**Tritanomaly**  
6AD0C5

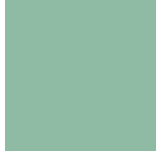
# Monochromacy



**Original Color**  
5DD699



**Achromatopsia**  
ABABAB



**Achromatomaly**  
8FBBA4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DD699 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 #5DD699 looks like.

```
.text, #text, p{  
    color:#5DD699  
}
```

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 #5DD699 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DD699
}
```

## Border

The CSS property to change the border of an element to Hex 5DD699 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
#5DD699 }
```

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

```
.border{ border-color:#5DD699 }
```

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

Here you see how a box with a 4 pixel #5DD699 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DD699; -webkit-box-shadow:4px 4px  
4px 4px #5DD699; box-shadow:4px 4px 4px  
4px #5DD699 }
```

# Background

The CSS property to change the background color of an element to Hex 5DD699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DD699 }
```

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

```
.background{ background-color:#5DD699 }
```

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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