

# Converting Colors

Hex(5DC785)

Have a look what the booklet for  
Hex(5DC785) contains.

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**Color**

**Hex(5DC785)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DC785
RGB	93, 199, 133
RGB Percent	36%, 78%, 52%
CMY	0.6353, 0.2196, 0.4784
CMYK	0.53, 0.00, 0.33, 0.22
HSL	143°, 49%, 57%
HSV	143°, 53%, 78%
XYZ	29.1713, 44.8675, 29.3131
YIQ	159.7820, -41.9900, -42.9980

# Conversions

## Conversions Part 2

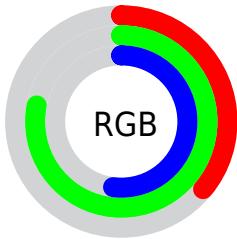
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 170, 199
Decimal	6145925
CIELab	72.80, -45.51, 23.97
CIELCh	73, 51.437, 152.224
Yxy	44.8675, 0.2823, 0.4341
Android (android.graphics.Color)	4284336005 (0xFF5DC785)
YUV	159.7820, -13.2035, -58.5678
Hunter-Lab	66.9832, -39.4836, 20.9418

# Details

The Hex color **5DC785** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C75D9F**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **96FFBB**, and **1C9053** is the 20% darker color. If you saturate the color by 10%, you get **49C779**, and if you desaturate by 10%, it is **71C791**.

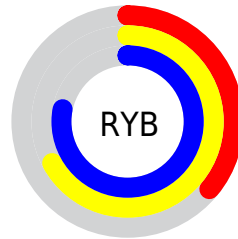
# Distribution



Red (36%)

Green (78%)

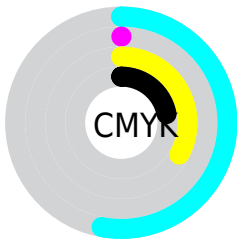
Blue (52%)



Red (36%)

Yellow (67%)

Blue (78%)

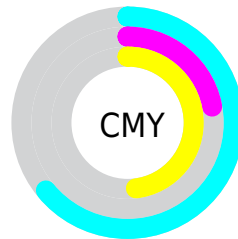


Cyan (53%)

Magenta (0%)

Yellow (33%)

Black (22%)



Cyan (64%)

Magenta (22%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DC785 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 5DC785 by changing the saturation by 10% instead.



 5DC785

 5DC785

FFFFFF

 3FAB6B

 96FFBB

 1C9053

 B3FFD6

 00763B

 D0FFF3

 005C24

 EDFFFF

 00440E

 002D00

 001100

 000000

 5DC785

 5DC785

 49C779

 71C791

 35C76C

 85C79E

 21C760

 99C7AA

 0DC753

 ADC7B7

 00C74B

 C1C7C3

 D4C7CF

 E8C7DC

 FCC7E8

 FFC7F5

# Harmonies

## Analogous

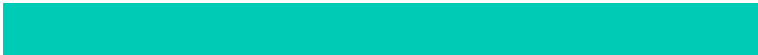
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9BBF60



5DC785



00CBB5

# Triad

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



5DC785



66B6FF



FF9183

# Complementary

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



5DC785



C75D9F

# 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.



FF8BB1



5DC785



BBA5FF

# Square

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



5DC785



00C3FF



F094DF



F2A060

# Rectangle

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



5DC785



00CAD5



F094DF



FF8D92

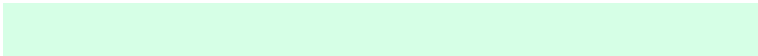


# Sweetspot

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



5DC785



D6FFE6



A0C75D



678070



000000



808080



# Same Dimension

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



5DC785



5CFF99



5DC7B9



5A635D



00A33E



00240D



# Inverse Universe

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



C75D9F



FF5CC1



C75D6B



635A60



A30066



240016



# Previews

## White Background



This preview shows how the Hex color 5DC785 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 5DC785 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

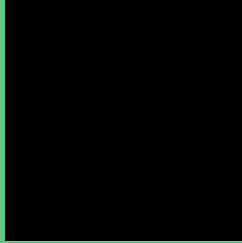
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5DC785 Background



This preview shows how black text looks on a background with the Hex color 5DC785.

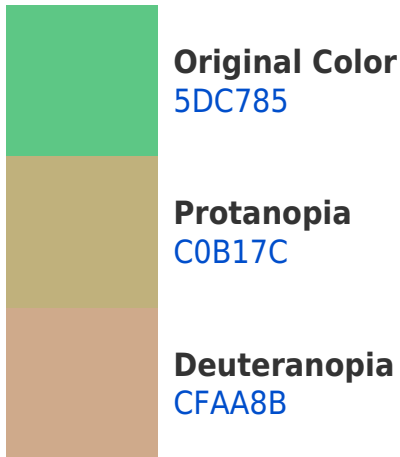


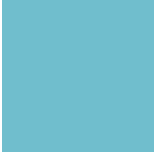
This preview shows how white text looks on a background with the Hex color 5DC785.

# 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





# Trichromacy



**Original Color**  
5DC785



**Protanomaly**  
9CB97F



**Deuteranomaly**  
A6B589



**Tritanomaly**  
69C1B3

# Monochromacy



**Original Color**  
5DC785



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
88AE96

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DC785 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 #5DC785 looks like.

```
.text, #text, p{  
    color:#5DC785  
}
```

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 #5DC785 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DC785
}
```

## Border

The CSS property to change the border of an element to Hex 5DC785 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
#5DC785 }
```

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

```
.border{ border-color:#5DC785 }
```

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

Here you see how a box with a 4 pixel #5DC785 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DC785; -webkit-box-shadow:4px 4px  
4px 4px #5DC785; box-shadow:4px 4px 4px  
4px #5DC785 }
```

# Background

The CSS property to change the background color of an element to Hex 5DC785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DC785 }
```

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

```
.background{ background-color:#5DC785 }
```

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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