

# Converting Colors

Hex(5DD2A0)

Have a look what the booklet for  
Hex(5DD2A0) contains.

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# Color

**Hex(5DD2A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DD2A0
RGB	93, 210, 160
RGB Percent	36%, 82%, 63%
CMY	0.6353, 0.1765, 0.3725
CMYK	0.56, 0.00, 0.24, 0.18
HSL	154°, 57%, 59%
HSV	154°, 56%, 82%
XYZ	33.9060, 50.9584, 41.3066
YIQ	169.3170, -53.6820, -40.3540

# Conversions

## Conversions Part 2

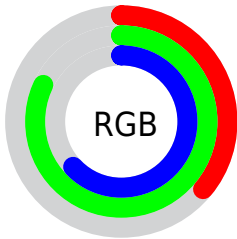
Format	Color
<a href="#">RYB</a>	<a href="#">93, 167, 210</a>
Decimal	<a href="#">6148768</a>
CIELab	<a href="#">76.65, -44.76, 14.97</a>
CIELCh	<a href="#">77, 47.197, 161.513</a>
Yxy	<a href="#">50.9584, 0.2687, 0.4039</a>
Android (android.graphics.Color)	<a href="#">4284338848 (0xFF5DD2A0)</a>
YUV	<a href="#">169.3170, -4.5933, -66.9300</a>
Hunter-Lab	<a href="#">71.3852, -40.1415, 15.6618</a>

# Details

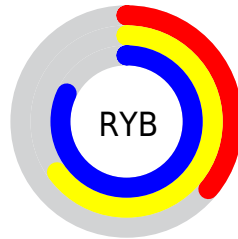
The Hex color **5DD2A0** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **D25D8F**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **98FFD7**, and **159B6C** is the 20% darker color. If you saturate the color by 10%, you get **48D297**, and if you desaturate by 10%, it is **72D2A9**.

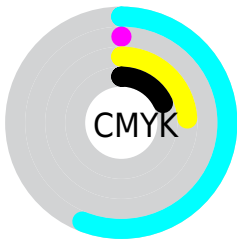
# Distribution



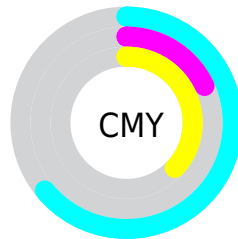
- Red (36%)
- Green (82%)
- Blue (63%)



- Red (36%)
- Yellow (65%)
- Blue (82%)



- Cyan (56%)
- Magenta (0%)
- Yellow (24%)
- Black (18%)



- Cyan (64%)
- Magenta (18%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DD2A0 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 5DD2A0 by changing the saturation by 10% instead.



 5DD2A0

 5DD2A0

FFFFFF

 3EB686

 98FFD7

 159B6C

 B5FFF3

 008054

 D2FFFF

 00663D

 F0FFFF

 004D27

 003512

 001F00

 000000

 5DD2A0

 5DD2A0

 48D297

 72D2A9

 33D28E

 87D2B2

 1ED285

 9CD2BB

 09D27C

 B1D2C4

 00D278

 C6D2CD

 DBD2D6

 F0D2DF

 FFD2E8

 FFD2F1

# Harmonies

## Analogous

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



98CB7A



5DD2A0



00D4CD

# Triad

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



5DD2A0



96BCFF



FFA285

# Complementary

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



5DD2A0



D25D8F

# 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.



FF9AAE



5DD2A0



D7ABFF

# Square

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



5DD2A0



35C9FF



FF9EDA



EFB16A

# Rectangle

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



5DD2A0



00D3E9



FF9EDA



FF9E92

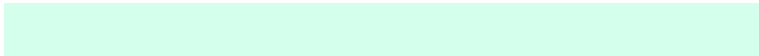


# Sweetspot

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



5DD2A0



D4FFEC



90D25D



668075



000000



808080



# Same Dimension

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



5DD2A0



54FFB6



5DCAD2



5E6964



00A860



002917



# Inverse Universe

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



D25D8F



FF549D



D2655D



695E63



A80048



290011



# Previews

## White Background



This preview shows how the Hex color 5DD2A0 looks on a white background.

## Color Contrast Check

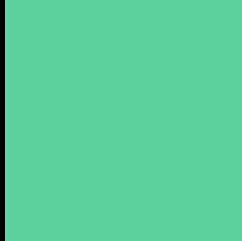
Large Text (above 18pt) WCAG AA × Fail

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 5DD2A0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

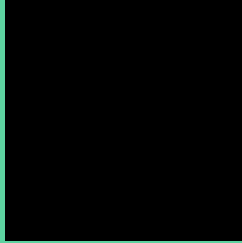
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5DD2A0 Background



This preview shows how black text looks on a background with the Hex color 5DD2A0.

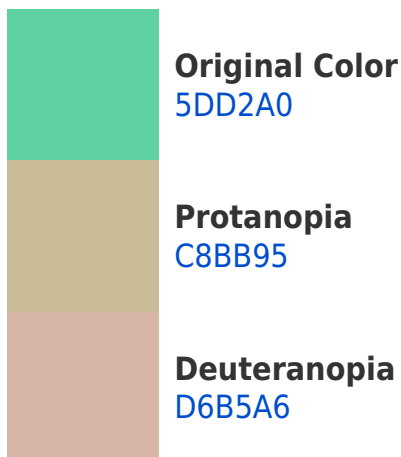


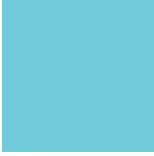
This preview shows how white text looks on a background with the Hex color 5DD2A0.

# 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](#).

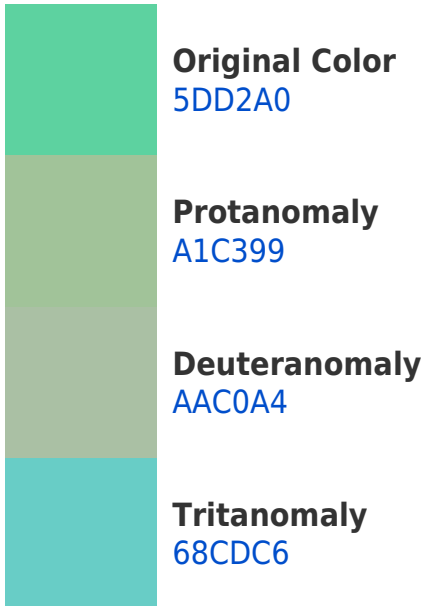
## Dichromacy



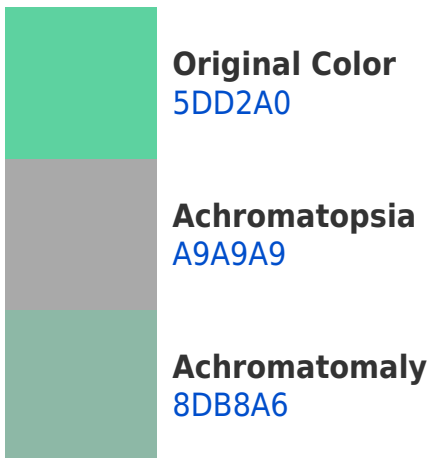


**Tritanopia**  
6FCADB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DD2A0 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 #5DD2A0 looks like.

```
.text, #text, p{  
    color:#5DD2A0  
}
```

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 #5DD2A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DD2A0
}
```

## Border

The CSS property to change the border of an element to Hex 5DD2A0 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
#5DD2A0 }
```

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

```
.border{ border-color:#5DD2A0 }
```

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

Here you see how a box with a 4 pixel #5DD2A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DD2A0; -webkit-box-shadow:4px 4px  
4px 4px #5DD2A0; box-shadow:4px 4px 4px  
4px #5DD2A0 }
```

# Background

The CSS property to change the background color of an element to Hex 5DD2A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DD2A0 }
```

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

```
.background{ background-color:#5DD2A0 }
```

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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