

Converting Colors

Hex(5DD19D)

Have a look what the booklet for
Hex(5DD19D) contains.

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Color

Hex(5DD19D)

Conversions

Conversions Part 1

Format	Color
Hex	5DD19D
RGB	93, 209, 157
RGB Percent	36%, 82%, 62%
CMY	0.6353, 0.1804, 0.3843
CMYK	0.56, 0.00, 0.25, 0.18
HSL	153°, 56%, 59%
HSV	153°, 56%, 82%
XYZ	33.4005, 50.3624, 39.8588
YIQ	168.3880, -52.4440, -40.7640

Conversions

Conversions Part 2

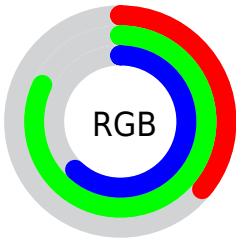
Format	Color
RYB	93, 168, 209
Decimal	6148509
CIELab	76.29, -44.97, 16.05
CIELCh	76, 47.748, 160.356
Yxy	50.3624, 0.2702, 0.4074
Android (android.graphics.Color)	4284338589 (0xFF5DD19D)
YUV	168.3880, -5.6143, -66.1153
Hunter-Lab	70.9665, -40.1801, 16.3759

Details

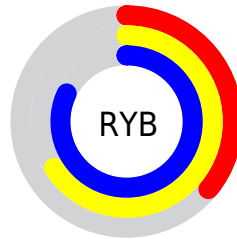
The Hex color **5DD19D** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **D15D91**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **97FFD4**, and **169A6A** is the 20% darker color. If you saturate the color by 10%, you get **48D194**, and if you desaturate by 10%, it is **72D1A6**.

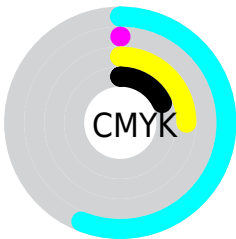
Distribution



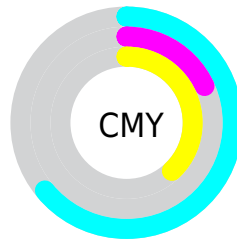
- Red (36%)
- Green (82%)
- Blue (62%)



- Red (36%)
- Yellow (66%)
- Blue (82%)



- Cyan (56%)
- Magenta (0%)
- Yellow (25%)
- Black (18%)



- Cyan (64%)
- Magenta (18%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DD19D 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 5DD19D by changing the saturation by 10% instead.

 5DD19D

 5DD19D

FFFFFF

 3EB583

 97FFD4

 169A6A

 B4FFF0

 007F51

 D2FFFF

 00653A

 F0FFFF

 004C24

 00340F

 001E00

 000000

 5DD19D

 5DD19D

 48D194

 72D1A6

 33D18A

 87D1B0

 1ED181

 9CD1B9

 09D178

 B1D1C2

 00D173

 C5D1CC

 DAD1D5

 EFD1DF

 FFD1E8

 FFD1F1

Harmonies

Analogous

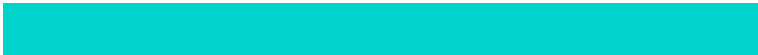
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



99CA77



5DD19D



00D3CB

Triad

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



5DD19D



92BBFF



FFA085

Complementary

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



5DD19D



D15D91

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.



FF98AE



5DD19D



D4ABFF

Square

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



5DD19D



27C9FF



FF9DDB



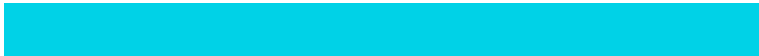
F0AF69

Rectangle

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



5DD19D



00D2E7



FF9DDB



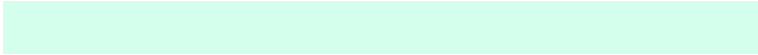
FF9D92

Sweetspot

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



5DD19D



D4FFEC



91D15D



668074



000000



808080

Same Dimension

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



5DD19D



54FFB2



5DCBD1



5E6964



00A85D



002917

Inverse Universe

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



D15D91



FF54A1



D1635D



695E63



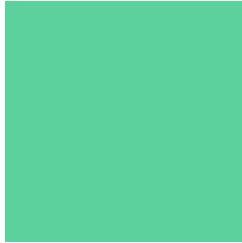
A8004B



290012

Previews

White Background



This preview shows how the Hex color 5DD19D looks on a white background.

Color Contrast Check

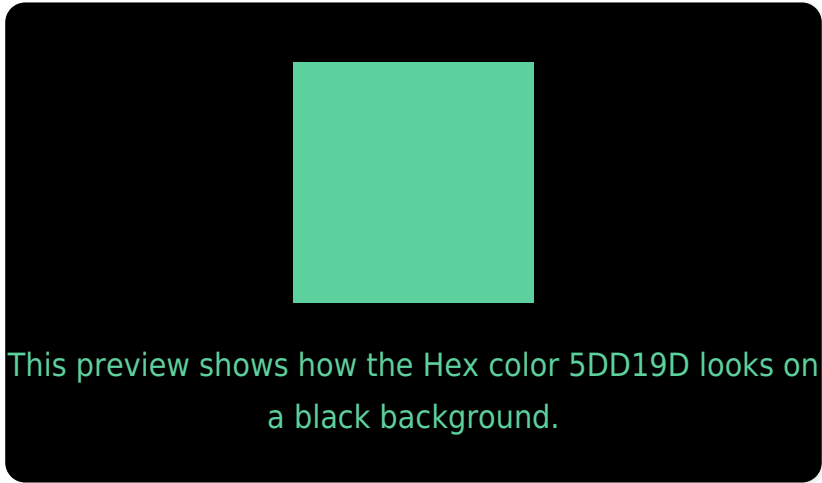
Large Text (above 18pt) WCAG AA × Fail

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

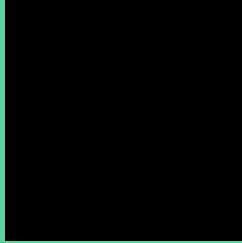
Any Text WCAG AA ✓ Pass

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 5DD19D Background



This preview shows how black text looks on a background with the Hex color 5DD19D.

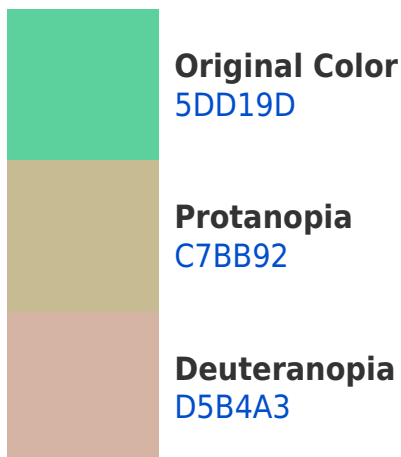


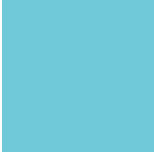
This preview shows how white text looks on a background with the Hex color 5DD19D.

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](#).

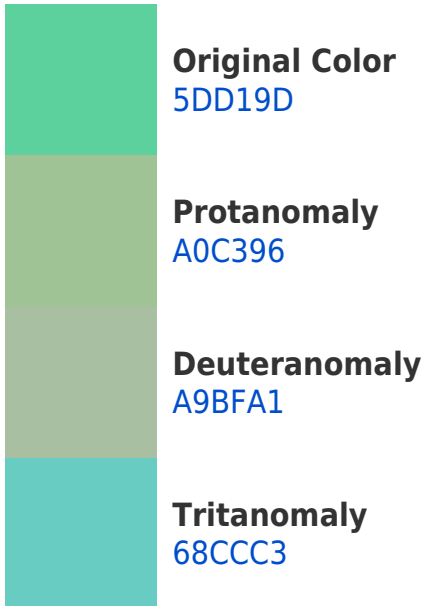
Dichromacy



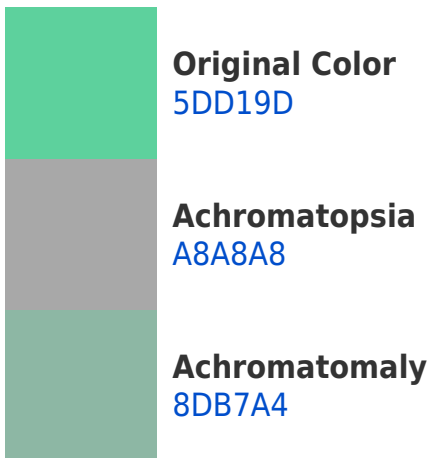


Tritanopia
6FC9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DD19D 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 #5DD19D looks like.

```
.text, #text, p{  
    color:#5DD19D  
}
```

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 #5DD19D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DD19D
}
```

Border

The CSS property to change the border of an element to Hex 5DD19D 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
#5DD19D }
```

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

```
.border{ border-color:#5DD19D }
```

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

Here you see how a box with a 4 pixel #5DD19D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DD19D; -webkit-box-shadow:4px 4px  
4px 4px #5DD19D; box-shadow:4px 4px 4px  
4px #5DD19D }
```

Background

The CSS property to change the background color of an element to Hex 5DD19D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DD19D }
```

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

```
.background{ background-color:#5DD19D }
```

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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