

Converting Colors

Hex(51DF9E)

Have a look what the booklet for
Hex(51DF9E) contains.

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Color

Hex(51DF9E)

Conversions

Conversions Part 1

Format	Color
Hex	51DF9E
RGB	81, 223, 158
RGB Percent	32%, 87%, 62%
CMY	0.6824, 0.1255, 0.3804
CMYK	0.64, 0.00, 0.29, 0.13
HSL	153°, 69%, 60%
HSV	153°, 64%, 87%
XYZ	35.9526, 56.9933, 41.4537
YIQ	173.1320, -63.7670, -50.3190

Conversions

Conversions Part 2

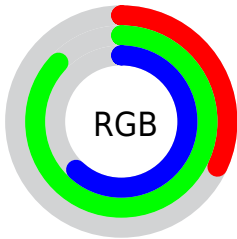
Format	Color
RYB	81, 173, 223
Decimal	5365662
CIELab	80.18, -52.95, 20.87
CIELCh	80, 56.910, 158.491
Yxy	56.9933, 0.2675, 0.4241
Android (android.graphics.Color)	4283555742 (0xFF51DF9E)
YUV	173.1320, -7.4601, -80.7998
Hunter-Lab	75.4939, -47.1070, 20.2896

Details

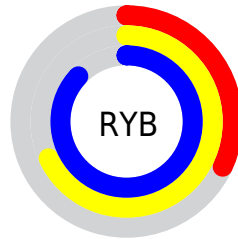
The Hex color **51DF9E** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DF5192**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **8FFFD5**, and **00A76A** is the 20% darker color. If you saturate the color by 10%, you get **3BDF94**, and if you desaturate by 10%, it is **67DFA8**.

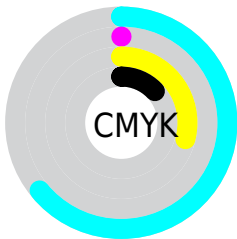
Distribution



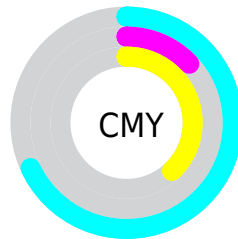
- Red (32%)
- Green (87%)
- Blue (62%)



- Red (32%)
- Yellow (68%)
- Blue (87%)



- Cyan (64%)
- Magenta (0%)
- Yellow (29%)
- Black (13%)




- Cyan (68%)
- Magenta (13%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51DF9E 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 51DF9E by changing the saturation by 10% instead.

 51DF9E

 51DF9E

FFFFFF

 2BC384

 8FFFD5

 00A76A

 AEFFF1

 008C52

 CCFFFF

 00713A

 EAFFFF

 005824

 003F0E

 002800

 000100

 000000

 51DF9E

 51DF9E

 3BDF94

 67DFA8

 24DF8A

 7EDFB2

 0EDF7F

 94DFBD

 00DF79

 AADFC7

 C1DFD1

 D7DFDB

 EDDFE5

 FFDF0

 FFDFFA

Harmonies

Analogous

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



9FD770



51DF9E



00E2D5

Triad

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



51DF9E



88C7FF



FFA387

Complementary

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



51DF9E



DF5192

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.



FF9ABA



51DF9E



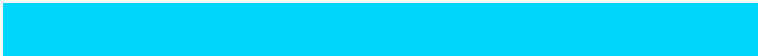
DFB3FF

Square

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



51DF9E



00D7FF



FFA0EF



FFB663

Rectangle

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



51DF9E



00E1F8



FFA0EF



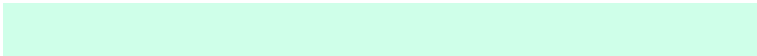
FF9F97

Sweetspot

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



51DF9E



CFFFE9



93DF51



628072



000000



808080

Same Dimension

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



51DF9E



3DFFA6



51DADF



65706B



00B05F



00301A

Inverse Universe

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



DF5192



FF3D96



DF5651



70656A



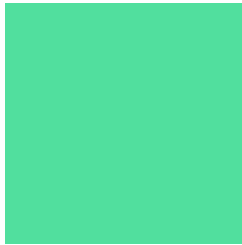
B00051



300016

Previews

White Background



This preview shows how the Hex color 51DF9E looks on a white background.

Color Contrast Check

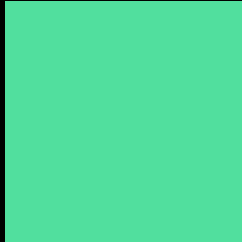
Large Text (above 18pt) WCAG AA × Fail

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 51DF9E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

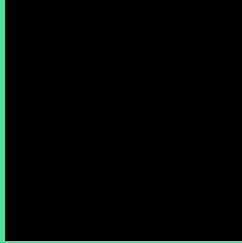
Any Text WCAG AA ✓ Pass

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 51DF9E Background



This preview shows how black text looks on a background with the Hex color 51DF9E.

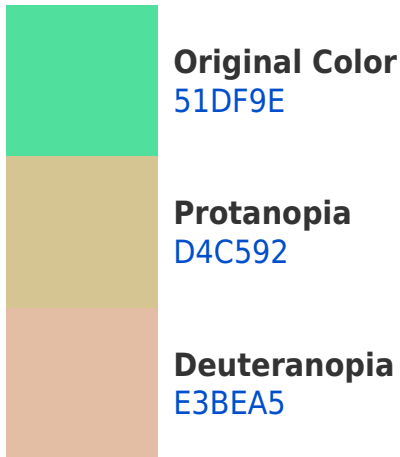


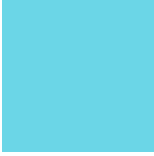
This preview shows how white text looks on a background with the Hex color 51DF9E.

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
6BD6E7

Trichromacy



Original Color
51DF9E



Protanomaly
A4CE96



Deuteranomaly
AECAA2



Tritanomaly
62D9CC

Monochromacy



Original Color
51DF9E



Achromatopsia
ADADAD



Achromatomaly
8CBFA8

CSS Examples

Text

The CSS property to change the color of the text to Hex 51DF9E 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 #51DF9E looks like.

```
.text, #text, p{  
    color:#51DF9E  
}
```

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 #51DF9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51DF9E
}
```

Border

The CSS property to change the border of an element to Hex 51DF9E 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
#51DF9E }
```

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

```
.border{ border-color:#51DF9E }
```

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

Here you see how a box with a 4 pixel #51DF9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51DF9E; -webkit-box-shadow:4px 4px  
4px 4px #51DF9E; box-shadow:4px 4px 4px  
4px #51DF9E }
```

Background

The CSS property to change the background color of an element to Hex 51DF9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51DF9E }
```

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

```
.background{ background-color:#51DF9E }
```

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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