

Converting Colors

Hex(51D18E)

Have a look what the booklet for
Hex(51D18E) contains.

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Color

Hex(51D18E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 51D18E |
| RGB | 81, 209, 142 |
| RGB Percent | 32%, 82%, 56% |
| CMY | 0.6824, 0.1804, 0.4431 |
| CMYK | 0.61, 0.00, 0.32, 0.18 |
| HSL | 149°, 58%, 57% |
| HSV | 149°, 61%, 82% |
| XYZ | 31.0763, 49.3033, 33.4698 |
| YIQ | 163.0900, -54.7810, -47.9730 |

Conversions

Conversions Part 2

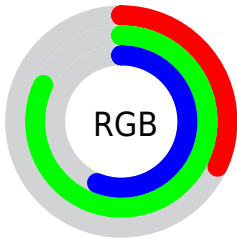
| Format | Color |
|-------------------------------------|--|
| RYB | 81, 168, 209 |
| Decimal | 5362062 |
| CIELab | 75.64, -50.54, 23.02 |
| CIELCh | 76, 55.539, 155.511 |
| Yxy | 49.3033, 0.2730, 0.4331 |
| Android (android.graphics.Color) | 4283552142 (0xFF51D18E) |
| YUV | 163.0900, -10.3974, -71.9929 |
| Hunter-Lab | 70.2163, -43.8780, 20.8898 |

Details

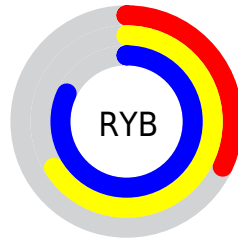
The Hex color **51D18E** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D15194**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **8DFFC4**, and **00995B** is the 20% darker color. If you saturate the color by 10%, you get **3CD183**, and if you desaturate by 10%, it is **66D199**.

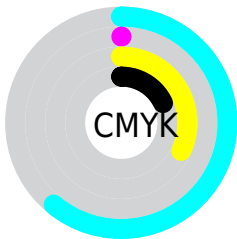
Distribution



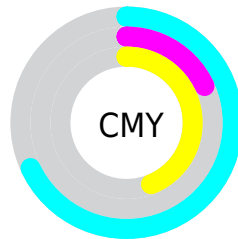
- Red (32%)
- Green (82%)
- Blue (56%)



- Red (32%)
- Yellow (66%)
- Blue (82%)



- Cyan (61%)
- Magenta (0%)
- Yellow (32%)
- Black (18%)



- Cyan (68%)
- Magenta (18%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51D18E 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 51D18E by changing the saturation by 10% instead.

 51D18E

 51D18E

FFFFFF

 2EB574

 8DFFC4

 00995B

 ABFFE0

 007F43

 C8FFFD

 00652C

 E6FFFF


 004C16

 003400

 001C00

 000000

 51D18E

 51D18E

 3CD183

 66D199

 27D178

 7BD1A4

 12D16D

 90D1AF

 00D164

 A5D1BA

 BAD1C5

 CED1D0

 E3D1DB

 F8D1E6

 FFD1F0

Harmonies

Analogous

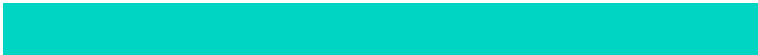
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



99C963



51D18E



00D4C3

Triad

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



51D18E



71BDFE



FF9782

Complementary

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



51D18E



D15194

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.



FF8EB3



51D18E



CBA9FF

Square

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



51D18E



00CBFF



FF96E6



FAA85D

Rectangle

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



51D18E



00D4E5



FF96E6



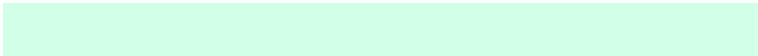
FF9291

Sweetspot

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



51D18E



D1FFE7



95D151



638071



000000



808080

Same Dimension

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



51D18E



45FF9E



51D1CD



5E6963



00A850



002913

Inverse Universe

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



D15194



FF45A6



D15155



695E64



A80058



290015

Previews

White Background



This preview shows how the Hex color 51D18E looks on a white background.

Color Contrast Check

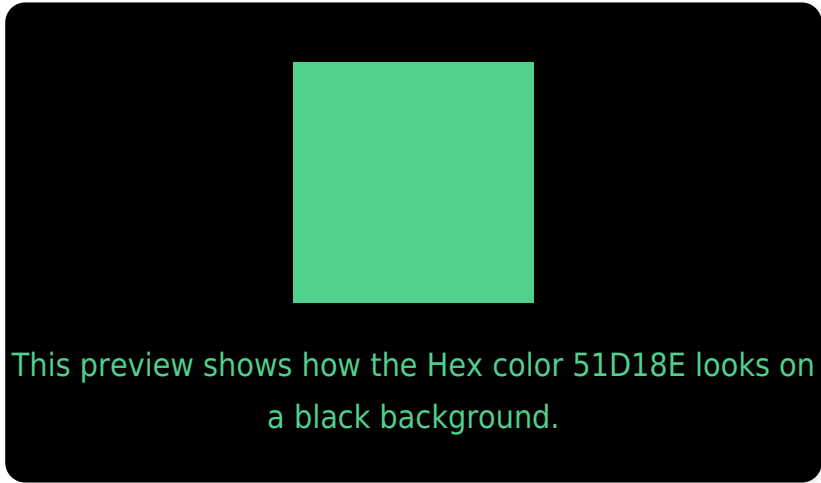
Large Text (above 18pt) WCAG AA × Fail

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

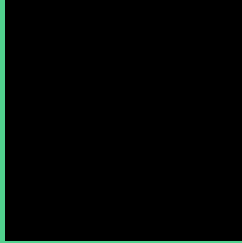
Any Text WCAG AA ✓ Pass

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 51D18E Background



This preview shows how black text looks on a background with the Hex color 51D18E.

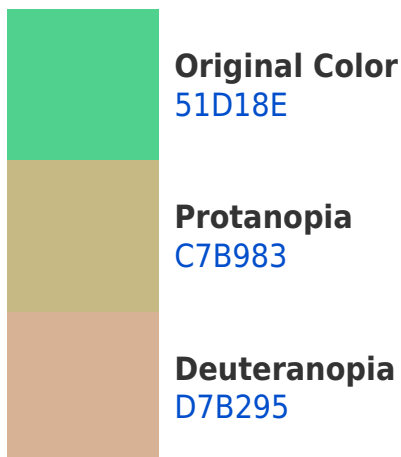


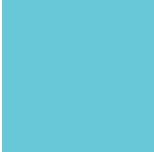
This preview shows how white text looks on a background with the Hex color 51D18E.

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
69C8D8

Trichromacy



Original Color
51D18E



Protanomaly
9CC287



Deuteranomaly
A6BD92



Tritanomaly
60CBBD

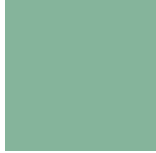
Monochromacy



Original Color
51D18E



Achromatopsia
A3A3A3



Achromatomaly
85B49B

CSS Examples

Text

The CSS property to change the color of the text to Hex 51D18E 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 #51D18E looks like.

```
.text, #text, p{  
    color:#51D18E  
}
```

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 #51D18E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51D18E
}
```

Border

The CSS property to change the border of an element to Hex 51D18E 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
#51D18E }
```

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

```
.border{ border-color:#51D18E }
```

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

Here you see how a box with a 4 pixel #51D18E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51D18E; -webkit-box-shadow:4px 4px  
4px 4px #51D18E; box-shadow:4px 4px 4px  
4px #51D18E }
```

Background

The CSS property to change the background color of an element to Hex 51D18E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51D18E }
```

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

```
.background{ background-color:#51D18E }
```

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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