

Converting Colors

Hex(51D775)

Have a look what the booklet for
Hex(51D775) contains.

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Color

Hex(51D775)

Conversions

Conversions Part 1

Format	Color
Hex	51D775
RGB	81, 215, 117
RGB Percent	32%, 84%, 46%
CMY	0.6824, 0.1569, 0.5412
CMYK	0.62, 0.00, 0.46, 0.16
HSL	136°, 63%, 58%
HSV	136°, 62%, 84%
XYZ	30.9047, 51.6346, 25.1672
YIQ	163.7620, -48.4060, -58.8860

Conversions

Conversions Part 2

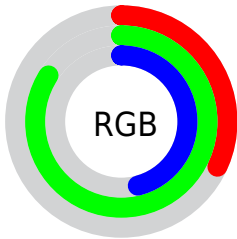
Format	Color
RYB	81, 187, 215
Decimal	5363573
CIELab	77.06, -57.31, 37.71
CIELCh	77, 68.602, 146.654
Yxy	51.6346, 0.2869, 0.4794
Android (android.graphics.Color)	4283553653 (0xFF51D775)
YUV	163.7620, -23.0537, -72.5823
Hunter-Lab	71.8572, -48.9800, 29.5343

Details

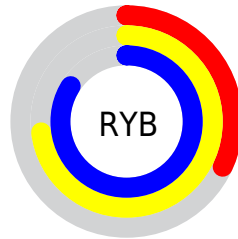
The Hex color **51D775** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **D751B3**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **8EFFAA**, and **009F42** is the 20% darker color. If you saturate the color by 10%, you get **3BD765**, and if you desaturate by 10%, it is **66D785**.

Distribution



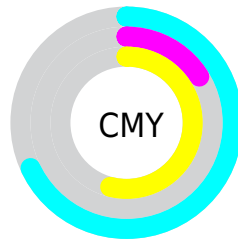
- Red (32%)
- Green (84%)
- Blue (46%)



- Red (32%)
- Yellow (73%)
- Blue (84%)



- Cyan (62%)
- Magenta (0%)
- Yellow (46%)
- Black (16%)



- Cyan (68%)
- Magenta (16%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51D775 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 51D775 by changing the saturation by 10% instead.

 51D775

 51D775

FFFFFF

 2DBB5B

 8EFFAA

 009F42

 ACFFC6

 00842A

 CAFFE2

 006A10

 E8FFFF


 005000

 003800

 002000

 000000

 51D775

 51D775

 3BD765

 66D785

 26D756

 7CD794

 10D746

 92D7A4

 00D73A

 A7D7B4

 BDD7C4

 D2D7D3

 E8D7E3

 FDD7F3

 FFD7FF

Harmonies

Analogous

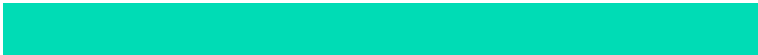
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A8CB43



51D775



00DCB5

Triad

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



51D775



00C8FF



FF8A89

Complementary

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



51D775



D751B3

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.



FF84C8



51D775



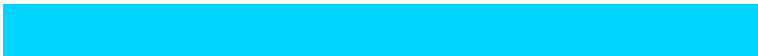
B3B0FF

Square

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



51D775



00D6FF



FF95FF



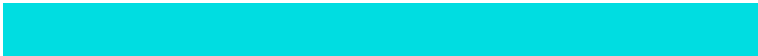
FFA054

Rectangle

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



51D775



00DDE1



FF95FF



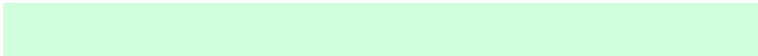
FF859D

Sweetspot

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



51D775



CFFFDC



B3D751



62806A



000000



808080

Same Dimension

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



51D775



40FF73



51D7B8



606B63



00AB2E



002B0C

Inverse Universe

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



D751B3



FF40CC



D75170



6B6068



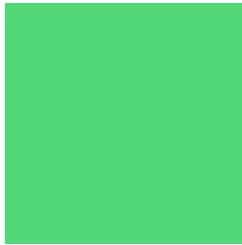
AB007D



2B0020

Previews

White Background



This preview shows how the Hex color 51D775 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 51D775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

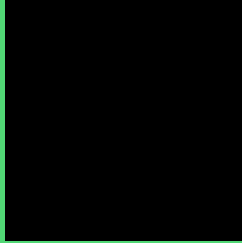
Any Text WCAG AA ✓ Pass

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 51D775 Background



This preview shows how black text looks on a background with the Hex color 51D775.

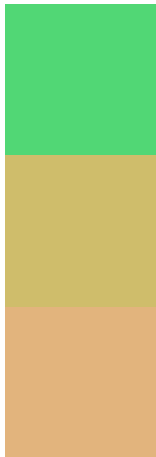


This preview shows how white text looks on a background with the Hex color 51D775.

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](#).

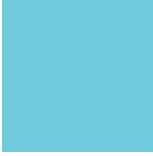
Dichromacy



Original Color
51D775

Protanopia
CFBD6B

Deuteranopia
E2B47D



Tritanopia
6FCBDC

Trichromacy



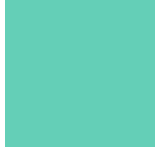
Original Color
51D775



Protanomaly
A1C66F



Deuteranomaly
ADC17A



Tritanomaly
64CFB7

Monochromacy



Original Color
51D775



Achromatopsia
A4A4A4



Achromatomaly
86B793

CSS Examples

Text

The CSS property to change the color of the text to Hex 51D775 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 #51D775 looks like.

```
.text, #text, p{  
    color:#51D775  
}
```

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 #51D775 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51D775
}
```

Border

The CSS property to change the border of an element to Hex 51D775 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
#51D775 }
```

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

```
.border{ border-color:#51D775 }
```

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

Here you see how a box with a 4 pixel #51D775 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51D775; -webkit-box-shadow:4px 4px  
4px 4px #51D775; box-shadow:4px 4px 4px  
4px #51D775 }
```

Background

The CSS property to change the background color of an element to Hex 51D775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51D775 }
```

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

```
.background{ background-color:#51D775 }
```

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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