

Converting Colors

Hex(53D387)

Have a look what the booklet for
Hex(53D387) contains.

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Color

Hex(53D387)

Conversions

Conversions Part 1

Format	Color
Hex	53D387
RGB	83, 211, 135
RGB Percent	33%, 83%, 53%
CMY	0.6745, 0.1725, 0.4706
CMYK	0.61, 0.00, 0.36, 0.17
HSL	144°, 59%, 58%
HSV	144°, 61%, 83%
XYZ	31.2347, 50.1768, 30.9605
YIQ	164.0640, -51.8920, -50.7720

Conversions

Conversions Part 2

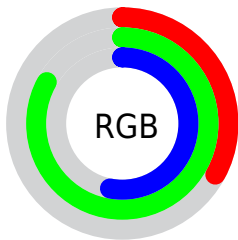
Format	Color
RYB	83, 174, 211
Decimal	5493639
CIELab	76.18, -52.28, 27.41
CIElCh	76, 59.028, 152.330
Yxy	50.1768, 0.2780, 0.4465
Android (android.graphics.Color)	4283683719 (0xFF53D387)
YUV	164.0640, -14.3286, -71.0931
Hunter-Lab	70.8356, -45.2533, 23.6707

Details

The Hex color **53D387** 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 **D3539F**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **8FFFBD**, and **009B54** is the 20% darker color. If you saturate the color by 10%, you get **3ED37A**, and if you desaturate by 10%, it is **68D394**.

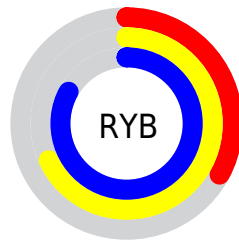
Distribution



Red (33%)

Green (83%)

Blue (53%)



Red (33%)

Yellow (68%)

Blue (83%)

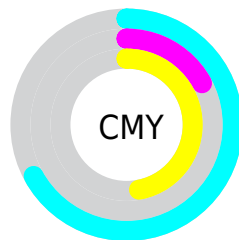


Cyan (61%)

Magenta (0%)

Yellow (36%)

Black (17%)



Cyan (67%)

Magenta (17%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Hex color 53D387 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 53D387 by changing the saturation by 10% instead.

 53D387

 53D387

FFFFFF

 31B76D

 8FFFBD

 009B54

 ADFFD9

 00813C

 CAFFF5

 006625

 E8FFFF

 004D0E

 003500

 001E00

 000000

 53D387

 53D387

 3ED37A

 68D394

 29D36E

 7DD3A0

 14D361

 92D3AD

 00D356

 A7D3B9

 BCD3C6

 D2D3D2

 E7D3DF

 FCD3EB

 FFD3F8

Harmonies

Analogous

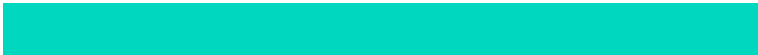
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9FCA5B



53D387



00D7BF

Triad

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



53D387



59C0FF



FF9485

Complementary

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



53D387



D3539F

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.



FF8CBA



53D387



C4ACFF

Square

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



53D387



00CFFF



FF97EF



FFA65B

Rectangle

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



53D387



00D7E4



FF97EF



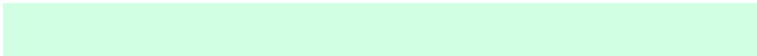
FF8F95

Sweetspot

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



53D387



D1FFE4



A0D353



63806F



000000



808080

Same Dimension

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



53D387



45FF90



53D3C6



5E6962



00A844



002911

Inverse Universe

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



D3539F



FF45B3



D35360



695E64



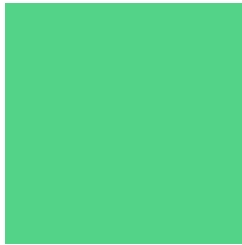
A80064



290018

Previews

White Background



This preview shows how the Hex color 53D387 looks on a white background.

Color Contrast Check

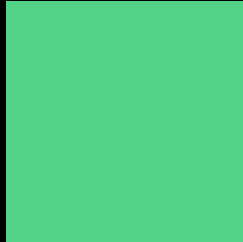
Large Text (above 18pt) WCAG AA × Fail

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 53D387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

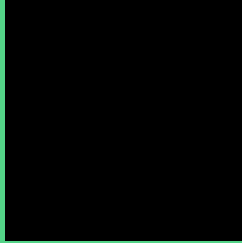
Any Text WCAG AA ✓ Pass

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 53D387 Background



This preview shows how black text looks on a background with the Hex color 53D387.

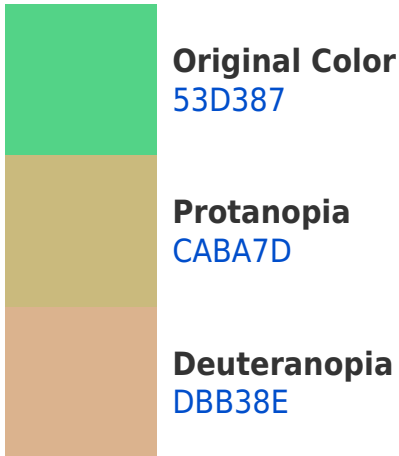


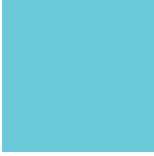
This preview shows how white text looks on a background with the Hex color 53D387.

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
6CC9D9

Trichromacy



Original Color
53D387



Protanomaly
9FC381



Deuteranomaly
AABF8B



Tritanomaly
63CDDB

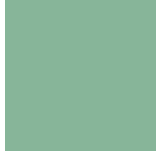
Monochromacy



Original Color
53D387



Achromatopsia
A4A4A4



Achromatomaly
87B599

CSS Examples

Text

The CSS property to change the color of the text to Hex 53D387 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 #53D387 looks like.

```
.text, #text, p{  
    color:#53D387  
}
```

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 #53D387 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53D387
}
```

Border

The CSS property to change the border of an element to Hex 53D387 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
#53D387 }
```

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

```
.border{ border-color:#53D387 }
```

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

Here you see how a box with a 4 pixel #53D387 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53D387; -webkit-box-shadow:4px 4px  
4px 4px #53D387; box-shadow:4px 4px 4px  
4px #53D387 }
```

Background

The CSS property to change the background color of an element to Hex 53D387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53D387 }
```

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

```
.background{ background-color:#53D387 }
```

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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