

Converting Colors

Hex(57DDA3)

Have a look what the booklet for
Hex(57DDA3) contains.

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Color

Hex(57DDA3)

Conversions

Conversions Part 1

Format	Color
Hex	57DDA3
RGB	87, 221, 163
RGB Percent	34%, 87%, 64%
CMY	0.6588, 0.1333, 0.3608
CMYK	0.61, 0.00, 0.26, 0.13
HSL	154°, 66%, 60%
HSV	154°, 61%, 87%
XYZ	36.3978, 56.3835, 43.6151
YIQ	174.3220, -61.2460, -46.4460

Conversions

Conversions Part 2

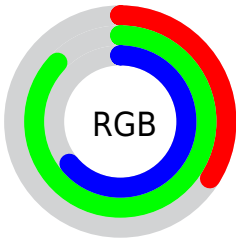
Format	Color
RYB	87, 173, 221
Decimal	5758371
CIELab	79.83, -49.98, 17.80
CIELCh	80, 53.050, 160.400
Yxy	56.3835, 0.2669, 0.4134
Android (android.graphics.Color)	4283948451 (0xFF57DDA3)
YUV	174.3220, -5.5817, -76.5814
Hunter-Lab	75.0889, -44.8815, 18.1239

Details

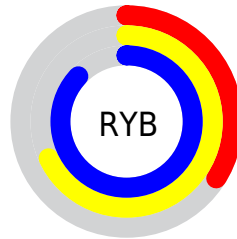
The Hex color **57DDA3** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DD5791**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **94FFDA**, and **00A56F** is the 20% darker color. If you saturate the color by 10%, you get **41DD99**, and if you desaturate by 10%, it is **6DDDAD**.

Distribution



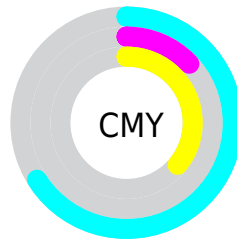
- Red (34%)
- Green (87%)
- Blue (64%)



- Red (34%)
- Yellow (68%)
- Blue (87%)



- Cyan (61%)
- Magenta (0%)
- Yellow (26%)
- Black (13%)



- Cyan (66%)
- Magenta (13%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57DDA3 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 57DDA3 by changing the saturation by 10% instead.

 57DDA3

 57DDA3

FFFFFF

 34C189

 94FFDA

 00A56F

 B2FFF7

 008A57

 D0FFFF

 00703F

 EEEFFF

 005629

 003D13

 002700

 000000

 57DDA3

 57DDA3

 41DD99

 6DDDAD

 2BDD90

 83DDB6

 15DD86

 99DDC0

 00DD7D

 AFDDC9

 C6DDD3

 DCDDDC

 F2DDE6

 FFDDF0

 FFDDF9

Harmonies

Analogous

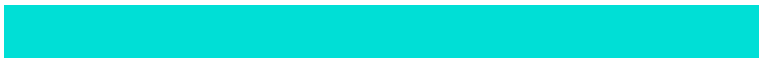
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9DD578



57DDA3



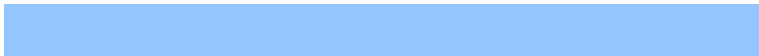
00DFD6

Triad

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



57DDA3



94C5FF



FFA688

Complementary

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



57DDA3



DD5791

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.



FF9DB6



57DDA3



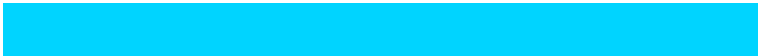
E1B2FF

Square

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



57DDA3



00D4FF



FFA2E8



FFB868

Rectangle

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



57DDA3



00DEF6



FFA2E8



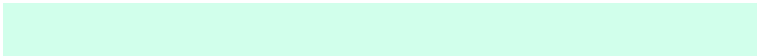
FFA296

Sweetspot

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



57DDA3



D1FFEB



91DD57



638073



000000



808080

Same Dimension

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



57DDA3



45FFAE



57D4DD



636E69



00AD62



002E1A

Inverse Universe

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



DD5791



FF4595



DD6057



6E6367



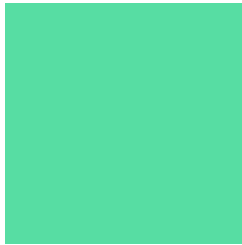
AD004B



2E0014

Previews

White Background



This preview shows how the Hex color 57DDA3 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 57DDA3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

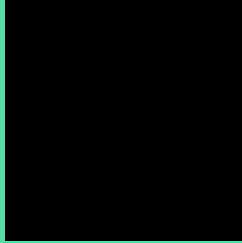
Any Text WCAG AA ✓ Pass

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 57DDA3 Background



This preview shows how black text looks on a background with the Hex color 57DDA3.

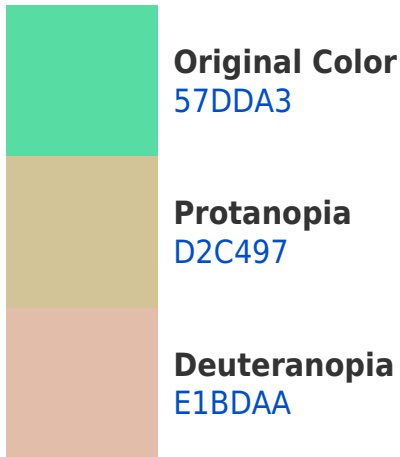


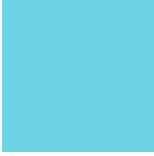
This preview shows how white text looks on a background with the Hex color 57DDA3.

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](#).

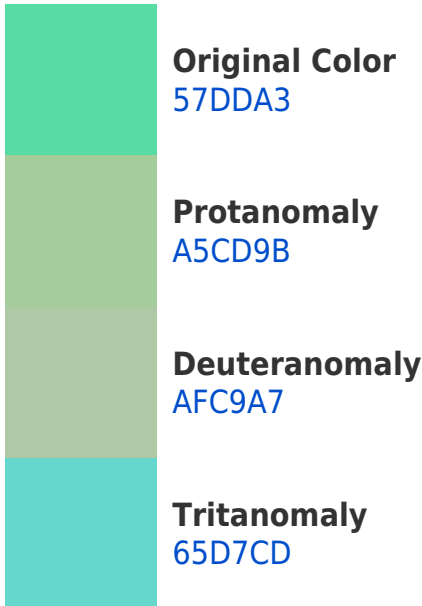
Dichromacy



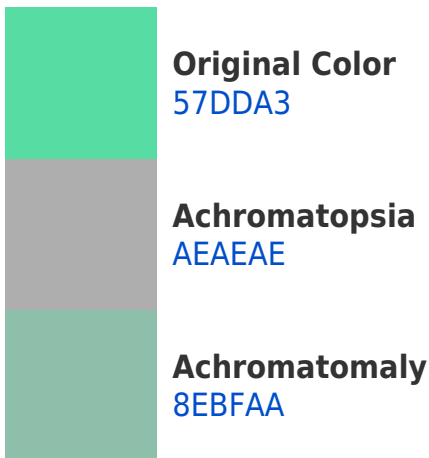


Tritanopia
6DD4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57DDA3 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 #57DDA3 looks like.

```
.text, #text, p{  
    color:#57DDA3  
}
```

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 #57DDA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57DDA3
}
```

Border

The CSS property to change the border of an element to Hex 57DDA3 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
#57DDA3 }
```

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

```
.border{ border-color:#57DDA3 }
```

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

Here you see how a box with a 4 pixel #57DDA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57DDA3; -webkit-box-shadow:4px 4px  
4px 4px #57DDA3; box-shadow:4px 4px 4px  
4px #57DDA3 }
```

Background

The CSS property to change the background color of an element to Hex 57DDA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57DDA3 }
```

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

```
.background{ background-color:#57DDA3 }
```

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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