

# Converting Colors

Hex(57DE7E)

Have a look what the booklet for  
Hex(57DE7E) contains.

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**Color**

**Hex(57DE7E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57DE7E
RGB	87, 222, 126
RGB Percent	34%, 87%, 49%
CMY	0.6588, 0.1294, 0.5059
CMYK	0.61, 0.00, 0.43, 0.13
HSL	137°, 67%, 61%
HSV	137°, 61%, 87%
XYZ	33.8177, 55.7751, 28.7220
YIQ	170.6910, -49.6440, -58.4760

# Conversions

## Conversions Part 2

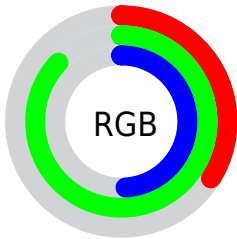
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 192, 222
Decimal	5758590
CIE <sub>Lab</sub>	79.49, -57.28, 36.36
CIE <sub>LCh</sub>	79, 67.844, 147.589
Yxy	55.7751, 0.2858, 0.4714
Android (android.graphics.Color)	4283948670 (0xFF57DE7E)
YUV	170.6910, -22.0327, -73.3970
Hunter-Lab	74.6828, -49.8669, 29.4758

# Details

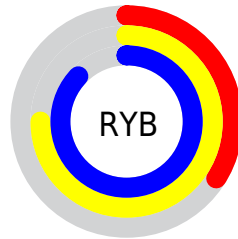
The Hex color **57DE7E** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **DE57B7**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **94FFB4**, and **00A64B** is the 20% darker color. If you saturate the color by 10%, you get **41DE6E**, and if you desaturate by 10%, it is **6DDE8E**.

# Distribution



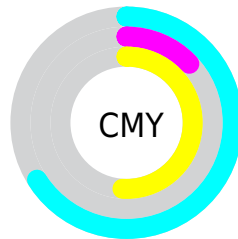
- Red (34%)
- Green (87%)
- Blue (49%)



- Red (34%)
- Yellow (75%)
- Blue (87%)



- Cyan (61%)
- Magenta (0%)
- Yellow (43%)
- Black (13%)



- Cyan (66%)
- Magenta (13%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57DE7E 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 57DE7E by changing the saturation by 10% instead.



 57DE7E

 57DE7E

FFFFFF

 34C264

 94FFB4

 00A64B

 B2FFD0

 008A33

 D0FFEC

 00701A

 EEEFFF

 005600

 003D00

 002700

 000000

 57DE7E

 57DE7E

 41DE6E

 6DDE8E

 2BDE5E

 83DE9E

 14DE4F

 9ADEAD

 00DE40

 B0DEBD

 C6DECD

 DCDEDD

 F2DEED

 FFDEFC

 FFDEFF

# Harmonies

## Analogous

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



ADD24D



57DE7E



00E3BE

# Triad

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



57DE7E



00CEFF



FF928E

# Complementary

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



57DE7E



DE57B7

# 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.



FF8CCD



57DE7E



BEB6FF

# Square

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



57DE7E



00DCFF



FF9CFF



FFA85A

# Rectangle

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



57DE7E



00E4E9



FF9CFF



FF8DA2

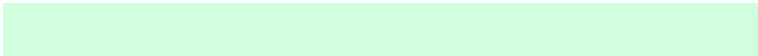


# Sweetspot

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



57DE7E



D1FFDE



B8DE57



63806C



000000



808080



# Same Dimension

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



57DE7E



45FF7B



57DEC1



657068



00B033



00300E



# Inverse Universe

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



DE57B7



FF45C9



DE5774



70656D



B0007D

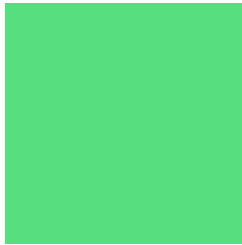


300022



# Previews

## White Background



This preview shows how the Hex color 57DE7E 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 57DE7E 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 57DE7E Background



This preview shows how black text looks on a background with the Hex color 57DE7E.

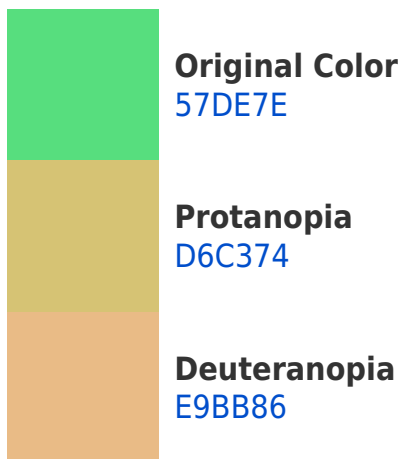


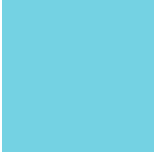
This preview shows how white text looks on a background with the Hex color 57DE7E.

# 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](#).

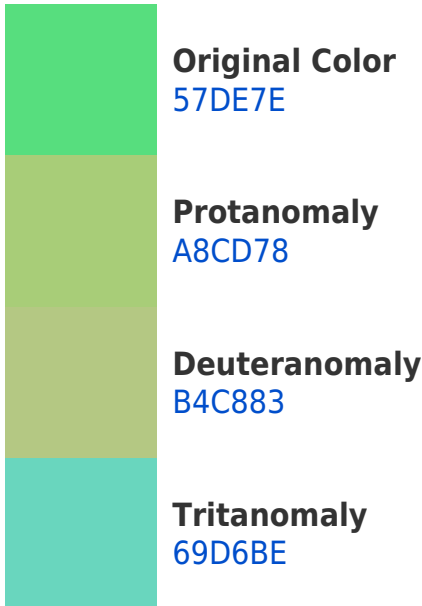
## Dichromacy



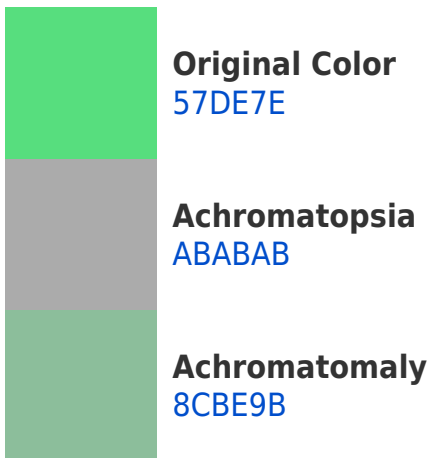


**Tritanopia**  
74D2E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57DE7E 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 #57DE7E looks like.

```
.text, #text, p{  
    color:#57DE7E  
}
```

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 #57DE7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57DE7E
}
```

## Border

The CSS property to change the border of an element to Hex 57DE7E 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
#57DE7E }
```

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

```
.border{ border-color:#57DE7E }
```

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

Here you see how a box with a 4 pixel #57DE7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57DE7E; -webkit-box-shadow:4px 4px  
4px 4px #57DE7E; box-shadow:4px 4px 4px  
4px #57DE7E }
```

# Background

The CSS property to change the background color of an element to Hex 57DE7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57DE7E }
```

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

```
.background{ background-color:#57DE7E }
```

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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