

Converting Colors

Hex(57E699)

Have a look what the booklet for
Hex(57E699) contains.

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Color

Hex(57E699)

Conversions

Conversions Part 1

Format	Color
Hex	57E699
RGB	87, 230, 153
RGB Percent	34%, 90%, 60%
CMY	0.6588, 0.0980, 0.4000
CMYK	0.62, 0.00, 0.33, 0.10
HSL	148°, 74%, 62%
HSV	148°, 62%, 90%
XYZ	37.9771, 60.9198, 39.8941
YIQ	178.4650, -60.5110, -54.2630

Conversions

Conversions Part 2

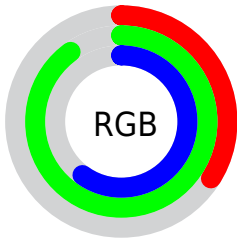
Format	Color
RYB	87, 185, 230
Decimal	5760665
CIELab	82.34, -55.59, 26.43
CIELCh	82, 61.555, 154.571
Yxy	60.9198, 0.2736, 0.4389
Android (android.graphics.Color)	4283950745 (0xFF57E699)
YUV	178.4650, -12.5542, -80.2148
Hunter-Lab	78.0511, -49.7373, 24.3310

Details

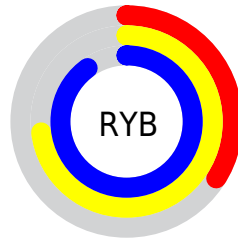
The Hex color **57E699** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **E657A4**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **95FFD0**, and **00AD65** is the 20% darker color. If you saturate the color by 10%, you get **40E68D**, and if you desaturate by 10%, it is **6EE6A5**.

Distribution



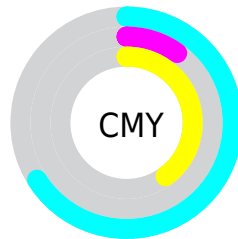
- Red (34%)
- Green (90%)
- Blue (60%)



- Red (34%)
- Yellow (73%)
- Blue (90%)



- Cyan (62%)
- Magenta (0%)
- Yellow (33%)
- Black (10%)



- Cyan (66%)
- Magenta (10%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57E699 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 57E699 by changing the saturation by 10% instead.

 57E699

 57E699

FFFFFF

 33C97F

 95FFD0

 00AD65

 B3FFEC

 00924D

 D1FFFF

 007735

 F0FFFF

 005D1E

 004407

 002E00

 000F00

 000000

 57E699

 57E699

 40E68D

 6EE6A5

 29E680

 85E6B2

 12E674

 9CE6BE

 00E66A

 B3E6CB

 CAE6D7

 E1E6E3

 F8E6F0

 FFE6FC

 FFE6FF

Harmonies

Analogous

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



A9DC69



57E699



00EAD4

Triad

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



57E699



73D0FF



FFA48E

Complementary

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



57E699



E657A4

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.



FF9BC6



57E699



DCBAFF

Square

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



57E699



00E0FF



FFA4FF



FFB864

Rectangle

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



57E699



00E9FB



FFA4FF



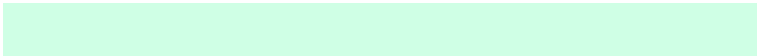
FF9FA0

Sweetspot

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



57E699



CFFFE5



A6E657



628070



000000



808080

Same Dimension

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



57E699



40FF98



57E6DF



67736D



00B352



003318

Inverse Universe

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



E657A4



FF40A7



E6575E



73676D



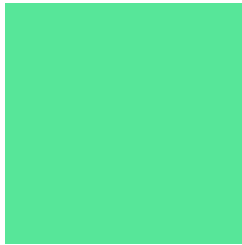
B30060



33001B

Previews

White Background



This preview shows how the Hex color 57E699 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 57E699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

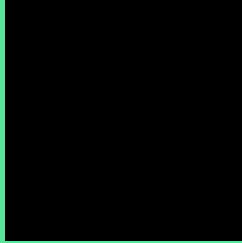
Any Text WCAG AA ✓ Pass

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 57E699 Background



This preview shows how black text looks on a background with the Hex color 57E699.

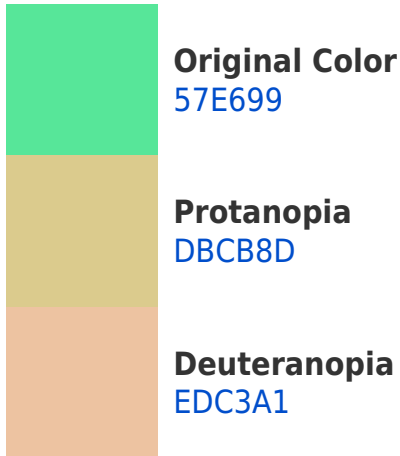


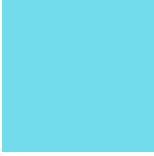
This preview shows how white text looks on a background with the Hex color 57E699.

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
72DCED

Trichromacy



Original Color
57E699



Protanomaly
ABD591



Deuteranomaly
B6D09E

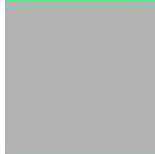


Tritanomaly
68E0CE

Monochromacy



Original Color
57E699



Achromatopsia
B2B2B2



Achromatomaly
91C5A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 57E699 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 #57E699 looks like.

```
.text, #text, p{  
    color:#57E699  
}
```

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 #57E699 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57E699
}
```

Border

The CSS property to change the border of an element to Hex 57E699 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
#57E699 }
```

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

```
.border{ border-color:#57E699 }
```

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

Here you see how a box with a 4 pixel #57E699 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57E699; -webkit-box-shadow:4px 4px  
4px 4px #57E699; box-shadow:4px 4px 4px  
4px #57E699 }
```

Background

The CSS property to change the background color of an element to Hex 57E699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57E699 }
```

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

```
.background{ background-color:#57E699 }
```

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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