

Converting Colors

Hex(57E7D0)

Have a look what the booklet for
Hex(57E7D0) contains.

Hex(57E7D0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(57E7D0)

Conversions

Conversions Part 1

Format	Color
Hex	57E7D0
RGB	87, 231, 208
RGB Percent	34%, 91%, 82%
CMY	0.6588, 0.0941, 0.1843
CMYK	0.62, 0.00, 0.10, 0.09
HSL	170°, 75%, 62%
HSV	170°, 62%, 91%
XYZ	43.8916, 63.7321, 69.6627
YIQ	185.3220, -78.4410, -37.6810

Conversions

Conversions Part 2

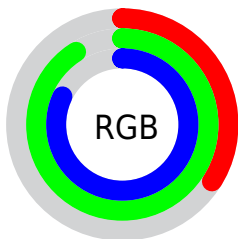
Format	Color
RYB	87, 165, 231
Decimal	5760976
CIELab	83.83, -43.81, -0.22
CIELCh	84, 43.814, 180.291
Yxy	63.7321, 0.2476, 0.3595
Android (android.graphics.Color)	4283951056 (0xFF57E7D0)
YUV	185.3220, 11.1803, -86.2284
Hunter-Lab	79.8324, -41.5681, 4.1455

Details

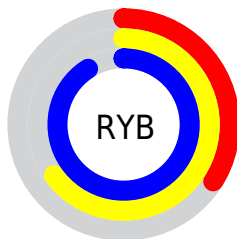
The Hex color **57E7D0** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **E7576E**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **97FFFF**, and **00AF9A** is the 20% darker color. If you saturate the color by 10%, you get **40E7CC**, and if you desaturate by 10%, it is **6EE7D4**.

Distribution



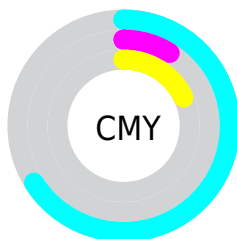
- Red (34%)
- Green (91%)
- Blue (82%)



- Red (34%)
- Yellow (65%)
- Blue (91%)



- Cyan (62%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)



- Cyan (66%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Hex color 57E7D0 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 57E7D0 by changing the saturation by 10% instead.

 57E7D0

 57E7D0

FFFFFF

 31CAB4

 97FFFF

 00AF9A

 B5FFFF

 009380

 D4FFFF

 007967

 F2FFFF

 005F4F

 004738

 002F23

 00160D

 000000

 57E7D0

 57E7D0

 40E7CC

 6EE7D4

 29E7C9

 85E7D7

 12E7C5

 9CE7DB

 00E7C2

 B3E7DF

 CBE7E2

 E2E7E6

 F9E7EA

 FFE7EE

 FFE7F1

Harmonies

Analogous

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



8FE3A7



57E7D0



1DE6F9

Triad

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



57E7D0



D6C6FF



FFC08A

Complementary

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



57E7D0



E7576E

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.



FFB4A9



57E7D0



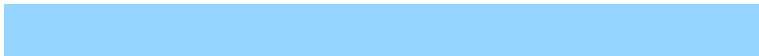
FFB8FB

Square

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



57E7D0



96D5FF



FFB1D2



ECCF7E

Rectangle

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



57E7D0



33E3FF



FFB1D2



FFBC93

Sweetspot

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



57E7D0



CFFFF7



6FE757



62807B



000000



808080

Same Dimension

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



57E7D0



40FFE0



57B7E7



677371



00B396



00332B

Inverse Universe

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



E7576E



FF405E



E78757



736769



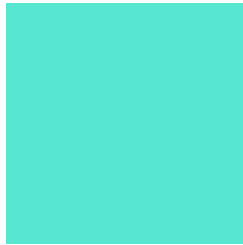
B3001D



330008

Previews

White Background



This preview shows how the Hex color 57E7D0 looks on a white background.

Color Contrast Check

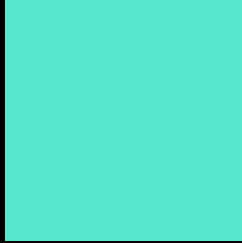
Large Text (above 18pt) WCAG AA × Fail

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 57E7D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

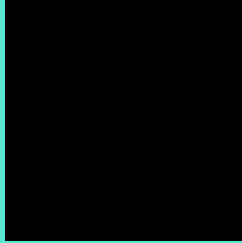
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

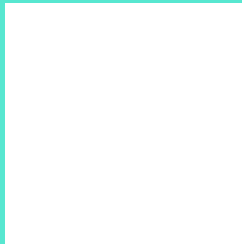
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 57E7D0 Background



This preview shows how black text looks on a background with the Hex color 57E7D0.



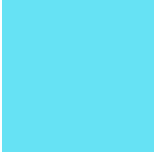
This preview shows how white text looks on a background with the Hex color 57E7D0.

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
66E2F4

Trichromacy



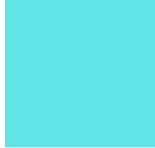
Original Color
57E7D0



Protanomaly
A8D8C7



Deuteranomaly
AED4D4

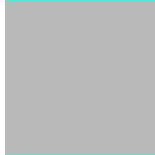


Tritanomaly
61E4E7

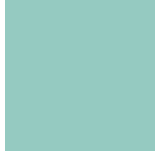
Monochromacy



Original Color
57E7D0



Achromatopsia
B9B9B9



Achromatomaly
95CAC1

CSS Examples

Text

The CSS property to change the color of the text to Hex 57E7D0 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 #57E7D0 looks like.

```
.text, #text, p{  
    color:#57E7D0  
}
```

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 #57E7D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57E7D0
}
```

Border

The CSS property to change the border of an element to Hex 57E7D0 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
#57E7D0 }
```

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

```
.border{ border-color:#57E7D0 }
```

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

Here you see how a box with a 4 pixel #57E7D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57E7D0; -webkit-box-shadow:4px 4px  
4px 4px #57E7D0; box-shadow:4px 4px 4px  
4px #57E7D0 }
```

Background

The CSS property to change the background color of an element to Hex 57E7D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57E7D0 }
```

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

```
.background{ background-color:#57E7D0 }
```

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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