

# Converting Colors

Hex(57D5E6)

Have a look what the booklet for  
Hex(57D5E6) contains.

<b>Hex(57D5E6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(57D5E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57D5E6
RGB	87, 213, 230
RGB Percent	34%, 84%, 90%
CMY	0.6588, 0.1647, 0.0980
CMYK	0.62, 0.07, 0.00, 0.10
HSL	187°, 74%, 62%
HSV	187°, 62%, 90%
XYZ	42.0077, 55.3279, 83.3282
YIQ	177.2640, -80.5530, -21.4250

# Conversions

## Conversions Part 2

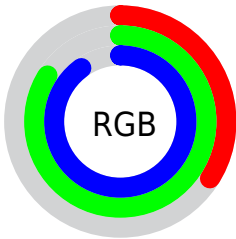
Format	Color
<a href="#">RYB</a>	<a href="#">87, 154, 230</a>
Decimal	<a href="#">5756390</a>
CIELab	<a href="#">79.23, -29.61, -18.75</a>
CIELCh	<a href="#">79, 35.049, 212.342</a>
Yxy	<a href="#">55.3279, 0.2325, 0.3062</a>
Android (android.graphics.Color)	<a href="#">4283946470</a> ( <a href="#">0xFF57D5E6</a> )
YUV	<a href="#">177.2640, 25.9988, -79.1615</a>
Hunter-Lab	<a href="#">74.3827, -29.3619, -14.3525</a>

# Details

The Hex color **57D5E6** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **E66857**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **96FFFF**, and **009EAE** is the 20% darker color. If you saturate the color by 10%, you get **40D2E6**, and if you desaturate by 10%, it is **6ED8E6**.

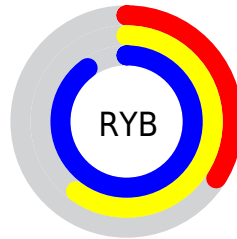
# Distribution



Red (34%)

Green (84%)

Blue (90%)



Red (34%)

Yellow (60%)

Blue (90%)

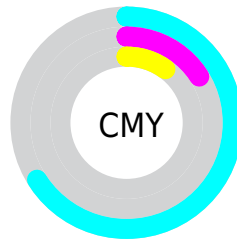


Cyan (62%)

Magenta (7%)

Yellow (0%)

Black (10%)



Cyan (66%)

Magenta (16%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57D5E6 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 57D5E6 by changing the saturation by 10% instead.



 57D5E6

 57D5E6

FFFFFF

 31B9CA

 96FFFF

 009EAE

 B5FFFF

 008494

 D3FFFF

 006A7A

 F2FFFF

 005161

 003A49

 002533

 00021E

 000000

■ 57D5E6

■ 57D5E6

■ 40D2E6

■ 6ED8E6

■ 29D0E6

■ 85DAE6

■ 12CDE6

■ 9CDDE6

■ 00CBE6

■ B3E0E6

■ CAE3E6

■ E1E5E6

■ F8E8E6

■ FFE6E6

■ FFE6E6

# Harmonies

## Analogous

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



6AD6C6



57D5E6



6DD0FD

# Triad

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



57D5E6



F0B1E3



D8C383

# Complementary

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



57D5E6



E66857

# 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.



F4B88B



57D5E6



FFACC3

# Square

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



57D5E6



CCBBFB



FFAFA3



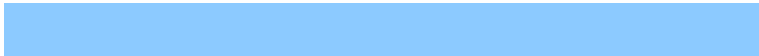
B6CD8C

# Rectangle

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



57D5E6



8CCAFF



FFAFA3



E3BF84

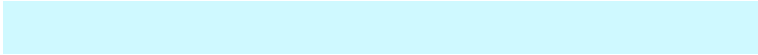


# Sweetspot

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



57D5E6



CFF9FF



57E668



627C80



000000



808080

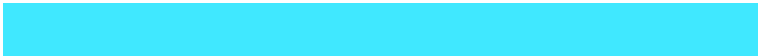


# Same Dimension

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



57D5E6



40E8FF



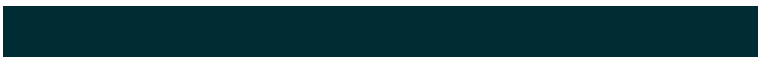
578EE6



677173



009DB3



002D33



# Inverse Universe

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



E657D5



FF40E8



E6AF57



736771



B3009D

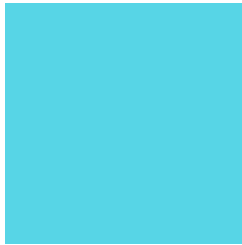


33002D



# Previews

## White Background



This preview shows how the Hex color 57D5E6 looks on a white background.

## Color Contrast Check

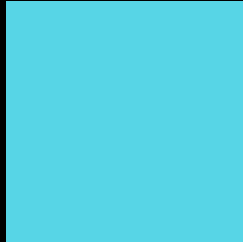
Large Text (above 18pt) WCAG AA × Fail

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 57D5E6 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 57D5E6 Background



This preview shows how black text looks on a background with the Hex color 57D5E6.

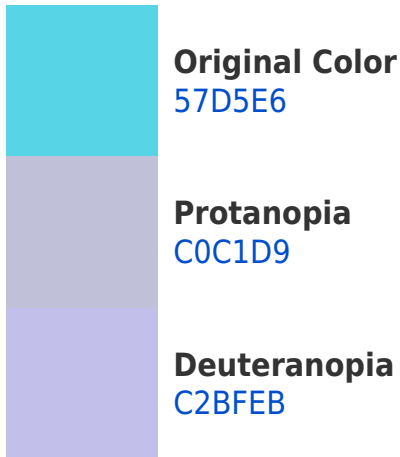


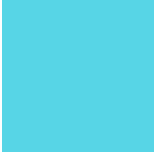
This preview shows how white text looks on a background with the Hex color 57D5E6.

# 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](#).

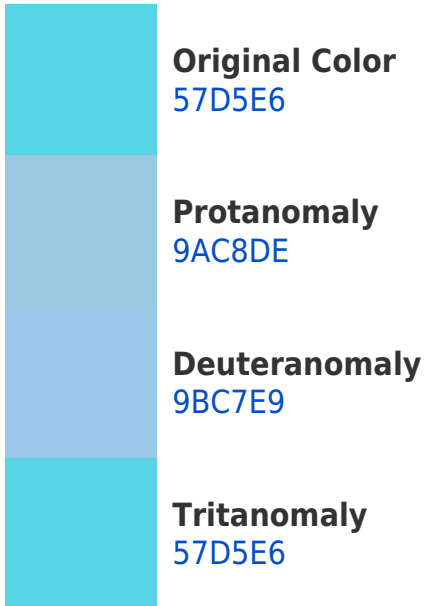
## Dichromacy





**Tritanopia**  
57D5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57D5E6 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 #57D5E6 looks like.

```
.text, #text, p{  
    color:#57D5E6  
}
```

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 #57D5E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57D5E6  
}
```

## Border

The CSS property to change the border of an element to Hex 57D5E6 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  
#57D5E6 }
```

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

```
.border{ border-color:#57D5E6 }
```

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

Here you see how a box with a 4 pixel #57D5E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57D5E6; -webkit-box-shadow:4px 4px  
4px 4px #57D5E6; box-shadow:4px 4px 4px  
4px #57D5E6 }
```

# Background

The CSS property to change the background color of an element to Hex 57D5E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57D5E6 }
```

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

```
.background{ background-color:#57D5E6 }
```

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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