

# Converting Colors

Hex(57D6DA)

Have a look what the booklet for  
Hex(57D6DA) contains.

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**Color**

**Hex(57D6DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57D6DA
RGB	87, 214, 218
RGB Percent	34%, 84%, 85%
CMY	0.6588, 0.1608, 0.1451
CMYK	0.60, 0.02, 0.00, 0.15
HSL	182°, 64%, 60%
HSV	182°, 60%, 85%
XYZ	40.6319, 55.1813, 74.8392
YIQ	176.4830, -76.9760, -25.6800

# Conversions

## Conversions Part 2

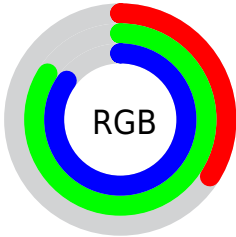
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 151, 218
Decimal	5756634
CIE <sub>Lab</sub>	79.15, -33.45, -12.46
CIE <sub>LCh</sub>	79, 35.698, 200.427
Yxy	55.1813, 0.2381, 0.3234
Android (android.graphics.Color)	4283946714 (0xFF57D6DA)
YUV	176.4830, 20.4679, -78.4766
Hunter-Lab	74.2841, -32.3613, -7.7341

# Details

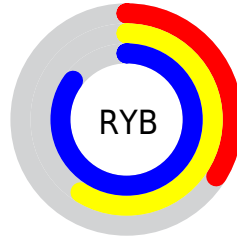
The Hex color **57D6DA** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **DA5B57**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **95FFFF**, and **009FA3** is the 20% darker color. If you saturate the color by 10%, you get **41D5DA**, and if you desaturate by 10%, it is **6DD7DA**.

# Distribution



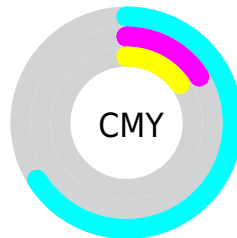
- Red (34%)
- Green (84%)
- Blue (85%)



- Red (34%)
- Yellow (59%)
- Blue (85%)



- Cyan (60%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (66%)
- Magenta (16%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57D6DA 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 57D6DA by changing the saturation by 10% instead.



 57D6DA

 57D6DA

FFFFFF

 32BABE

 95FFFF

 009FA3

 B4FFFF

 008489

 D2FFFF

 006B70

 F0FFFF

 005257

 003A40

 00252A

 000116

 000000

 57D6DA

 57D6DA

 41D5DA

 6DD7DA

 2BD5DA

 83D7DA

 16D4DA

 98D8DA

 00D3DA

 AED9DA

 C4D9DA

 DADADA

 F0DBDA

 FFDBDA

 FFDCDA

# Harmonies

## Analogous

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



76D6B8



57D6DA



5CD2F6

# Triad

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



57D6DA



E4B4EF



E5BE83

# Complementary

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



57D6DA



DA5B57

# 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.



FCB392



57D6DA



FEACD0

# Square

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



57D6DA



BABFFF



FFACAE



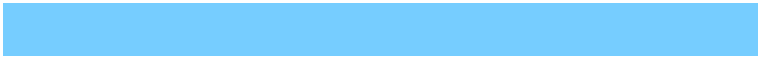
C4C985

# Rectangle

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



57D6DA



76CFFF



FFACAE



EEBA86

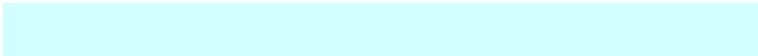


# Sweetspot

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



57D6DA



D1FEFF



57DA59



637F80



000000



808080



# Same Dimension

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



57D6DA



47F9FF



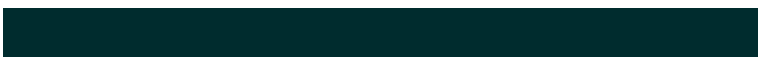
5796DA



636D6E



00A8AD



002C2E



# Inverse Universe

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



DA57D6



FF47F9



DA9B57



6E636D



AD00A8

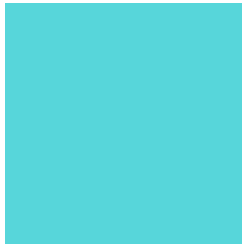


2E002C



# Previews

## White Background



This preview shows how the Hex color 57D6DA looks on a white background.

## Color Contrast Check

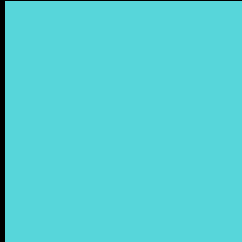
Large Text (above 18pt) WCAG AA × Fail

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 57D6DA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

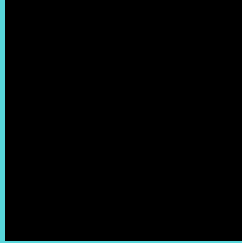
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 57D6DA Background



This preview shows how black text looks on a background with the Hex color 57D6DA.

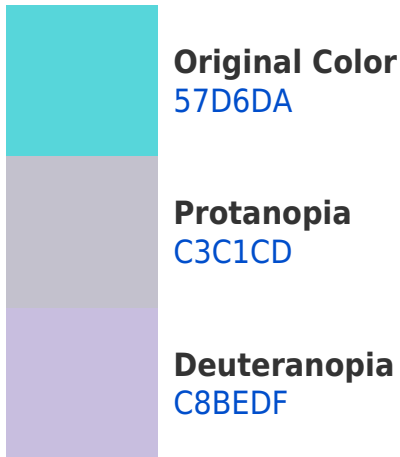


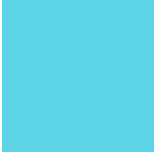
This preview shows how white text looks on a background with the Hex color 57D6DA.

# 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**  
5CD4E5

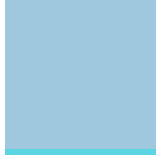
# Trichromacy



**Original Color**  
57D6DA



**Protanomaly**  
9CC9D2



**Deuteranomaly**  
9FC7DD

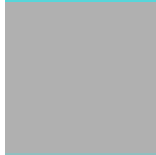


**Tritanomaly**  
5AD5E1

# Monochromacy



**Original Color**  
57D6DA



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
90BEBF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57D6DA 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 #57D6DA looks like.

```
.text, #text, p{  
    color:#57D6DA  
}
```

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 #57D6DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57D6DA
}
```

## Border

The CSS property to change the border of an element to Hex 57D6DA 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
#57D6DA }
```

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

```
.border{ border-color:#57D6DA }
```

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

Here you see how a box with a 4 pixel #57D6DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57D6DA; -webkit-box-shadow:4px 4px  
4px 4px #57D6DA; box-shadow:4px 4px 4px  
4px #57D6DA }
```

# Background

The CSS property to change the background color of an element to Hex 57D6DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57D6DA }
```

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

```
.background{ background-color:#57D6DA }
```

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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