

# Converting Colors

Hex(59D6E2)

Have a look what the booklet for  
Hex(59D6E2) contains.

<b>Hex(59D6E2)</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(59D6E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59D6E2
RGB	89, 214, 226
RGB Percent	35%, 84%, 89%
CMY	0.6510, 0.1608, 0.1137
CMYK	0.61, 0.05, 0.00, 0.11
HSL	185°, 70%, 62%
HSV	185°, 61%, 89%
XYZ	41.8939, 55.7080, 80.4962
YIQ	177.9930, -78.3520, -22.7680

# Conversions

## Conversions Part 2

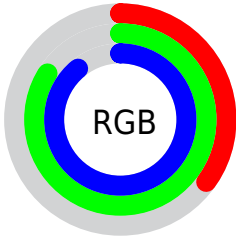
Format	Color
R <sub>Y</sub> B	89, 154, 226
Decimal	5887714
CIE Lab	79.45, -30.89, -16.28
CIE LCh	79, 34.920, 207.786
Yxy	55.7080, 0.2352, 0.3128
Android (android.graphics.Color)	4284077794 (0xFF59D6E2)
YUV	177.9930, 23.6675, -78.0469
Hunter-Lab	74.6378, -30.4248, -11.6973

# Details

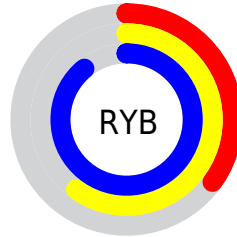
The Hex color **59D6E2** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **E26559**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **98FFFF**, and **009FAB** is the 20% darker color. If you saturate the color by 10%, you get **42D4E2**, and if you desaturate by 10%, it is **70D8E2**.

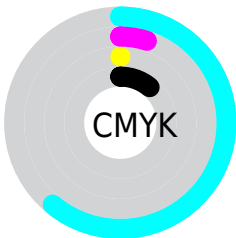
# Distribution



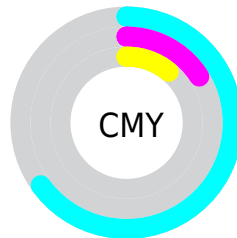
- Red (35%)
- Green (84%)
- Blue (89%)



- Red (35%)
- Yellow (60%)
- Blue (89%)



- Cyan (61%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (65%)
- Magenta (16%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59D6E2 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 59D6E2 by changing the saturation by 10% instead.



 59D6E2

 59D6E2

FFFFFF

 35BAC6

 98FFFF

 009FAB

 B6FFFF

 008490

 D4FFFF

 006B77

 F3FFFF

 00525E

 003A46

 002530

 00011C

 000000

■ 59D6E2

■ 59D6E2

■ 42D4E2

■ 70D8E2

■ 2CD2E2

■ 86DAE2

■ 15D0E2

■ 9DDCE2

■ 00CEE2

■ B3DEE2

■ CAE0E2

■ E1E2E2

■ F7E4E2

■ FFE6E2

■ FFE8E2

# Harmonies

## Analogous

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



71D7C1



59D6E2



69D1FB

# Triad

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



59D6E2



ECB3E8



DEC284

# Complementary

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



59D6E2



E26559

# 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.



F8B78F



59D6E2



FFADC9

# Square

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



59D6E2



C6BDFE



FFAEA8



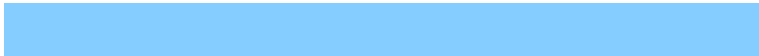
BCCC8A

# Rectangle

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



59D6E2



85CCFF



FFAEA8



E8BE86

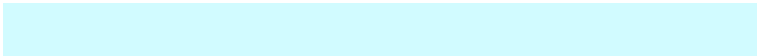


# Sweetspot

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



59D6E2



D1FBFF



59E264



637D80



000000



808080



# Same Dimension

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



59D6E2



45EFFF



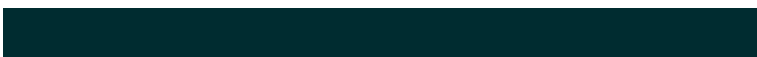
5992E2



656F70



00A1B0



002C30



# Inverse Universe

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



E259D6



FF45EF



E2A959



70656F



B000A1

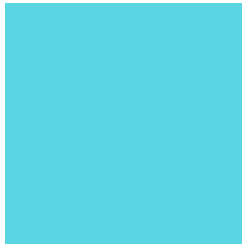


30002C



# Previews

## White Background



This preview shows how the Hex color 59D6E2 looks on a white background.

## Color Contrast Check

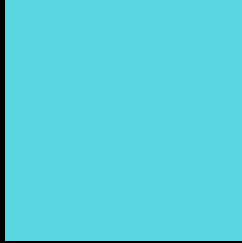
Large Text (above 18pt) WCAG AA × Fail

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 59D6E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

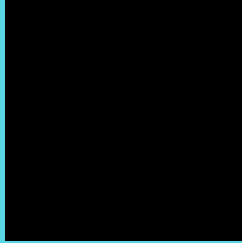
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 59D6E2 Background



This preview shows how black text looks on a background with the Hex color 59D6E2.

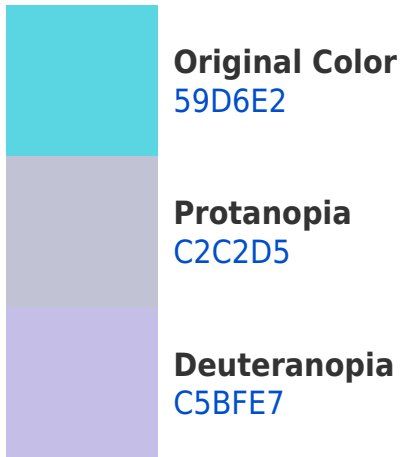


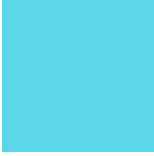
This preview shows how white text looks on a background with the Hex color 59D6E2.

# 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](#).

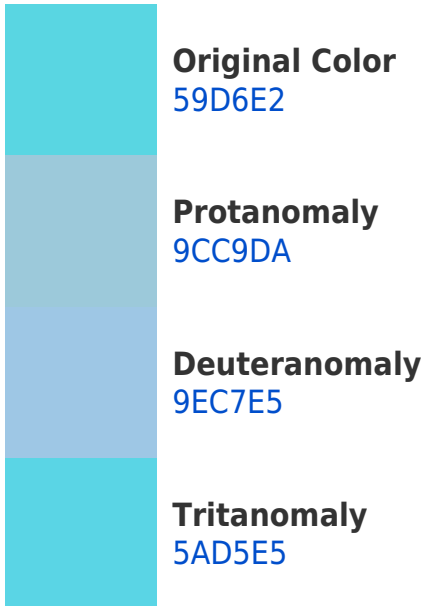
## Dichromacy



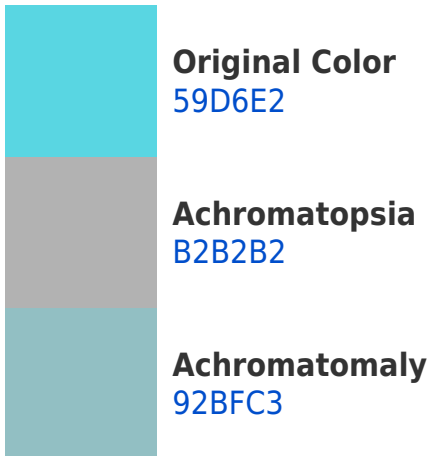


**Tritanopia**  
5BD5E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59D6E2 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 #59D6E2 looks like.

```
.text, #text, p{  
    color:#59D6E2  
}
```

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 #59D6E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59D6E2
}
```

## Border

The CSS property to change the border of an element to Hex 59D6E2 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
#59D6E2 }
```

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

```
.border{ border-color:#59D6E2 }
```

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

Here you see how a box with a 4 pixel #59D6E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59D6E2; -webkit-box-shadow:4px 4px  
4px 4px #59D6E2; box-shadow:4px 4px 4px  
4px #59D6E2 }
```

# Background

The CSS property to change the background color of an element to Hex 59D6E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59D6E2 }
```

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

```
.background{ background-color:#59D6E2 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor