

Converting Colors

Hex(59D6E5)

Have a look what the booklet for
Hex(59D6E5) contains.

Hex(59D6E5)	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(59D6E5)

Conversions

Conversions Part 1

Format	Color
Hex	59D6E5
RGB	89, 214, 229
RGB Percent	35%, 84%, 90%
CMY	0.6510, 0.1608, 0.1020
CMYK	0.61, 0.07, 0.00, 0.10
HSL	186°, 73%, 62%
HSV	186°, 61%, 90%
XYZ	42.3092, 55.8741, 82.6836
YIQ	178.3350, -79.3150, -21.8350

Conversions

Conversions Part 2

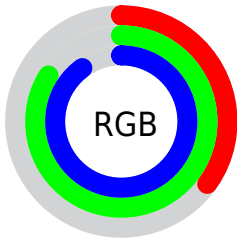
Format	Color
R _Y B	89, 155, 229
Decimal	5887717
CIE Lab	79.54, -30.05, -17.74
CIE LCh	80, 34.894, 210.554
Yxy	55.8741, 0.2339, 0.3089
Android (android.graphics.Color)	4284077797 (0xFF59D6E5)
YUV	178.3350, 24.9778, -78.3468
Hunter-Lab	74.7490, -29.7766, -13.2593

Details

The Hex color **59D6E5** 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 **E56859**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **98FFFF**, and **009FAE** is the 20% darker color. If you saturate the color by 10%, you get **42D4E5**, and if you desaturate by 10%, it is **70D8E5**.

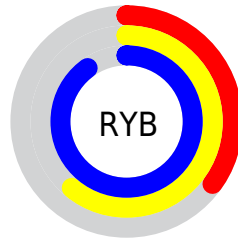
Distribution



Red (35%)

Green (84%)

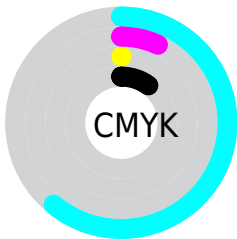
Blue (90%)



Red (35%)

Yellow (61%)

Blue (90%)

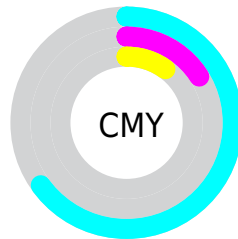


Cyan (61%)

Magenta (7%)

Yellow (0%)

Black (10%)



Cyan (65%)

Magenta (16%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59D6E5 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 59D6E5 by changing the saturation by 10% instead.

 59D6E5

 59D6E5

FFFFFF

 34BAC9

 98FFFF

 009FAE

 B6FFFF

 008493

 D5FFFF

 006B79

 F3FFFF

 005260

 003A49

 002532

 00021E

 000000

■ 59D6E5

■ 59D6E5

■ 42D4E5

■ 70D8E5

■ 2BD1E5

■ 87DBE5

■ 14CFE5

■ 9EDDE5

■ 00CCE5

■ B5E0E5

■ CCE2E5

■ E2E5E5

■ F9E7E5

■ FFEAE5

■ FFECE5

Harmonies

Analogous

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



6ED7C5



59D6E5



6DD1FD

Triad

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



59D6E5



EFB2E6



DBC384

Complementary

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



59D6E5



E56859

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.



F6B88D



59D6E5



FFADC6

Square

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



59D6E5



CABCFD



FFAFA6



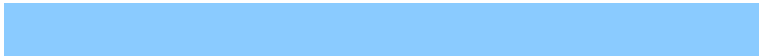
B9CD8C

Rectangle

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



59D6E5



8ACBFF



FFAFA6



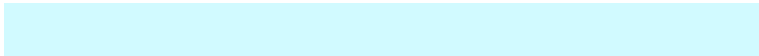
E5C085

Sweetspot

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



59D6E5



D1FAFF



59E567



637C80



000000



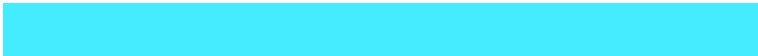
808080

Same Dimension

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



59D6E5



45EBFF



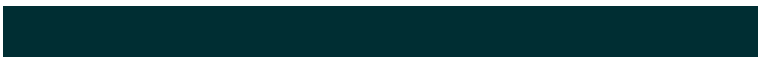
5991E5



677273



009FB3



002E33

Inverse Universe

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



E559D6



FF45EB



E5AD59



736772



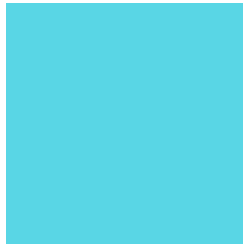
B3009F



33002E

Previews

White Background



This preview shows how the Hex color 59D6E5 looks on a white background.

Color Contrast Check

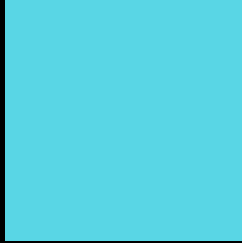
Large Text (above 18pt) WCAG AA × Fail

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 59D6E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

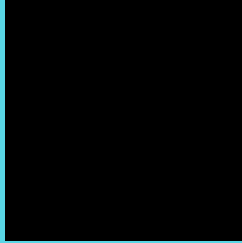
Any Text WCAG AA ✓ Pass

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 59D6E5 Background



This preview shows how black text looks on a background with the Hex color 59D6E5.

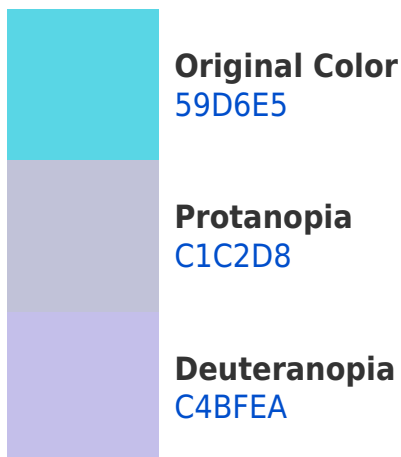


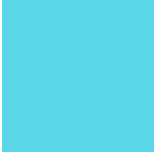
This preview shows how white text looks on a background with the Hex color 59D6E5.

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



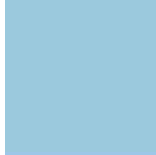


Tritanopia
5AD6E7

Trichromacy



Original Color
59D6E5



Protanomaly
9BC9DD



Deuteranomaly
9DC7E8

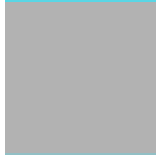


Tritanomaly
5AD6E6

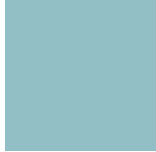
Monochromacy



Original Color
59D6E5



Achromatopsia
B2B2B2



Achromatomaly
92BFC5

CSS Examples

Text

The CSS property to change the color of the text to Hex 59D6E5 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 #59D6E5 looks like.

```
.text, #text, p{  
    color:#59D6E5  
}
```

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 #59D6E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59D6E5
}
```

Border

The CSS property to change the border of an element to Hex 59D6E5 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
#59D6E5 }
```

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

```
.border{ border-color:#59D6E5 }
```

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

Here you see how a box with a 4 pixel #59D6E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59D6E5; -webkit-box-shadow:4px 4px  
4px 4px #59D6E5; box-shadow:4px 4px 4px  
4px #59D6E5 }
```

Background

The CSS property to change the background color of an element to Hex 59D6E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59D6E5 }
```

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

```
.background{ background-color:#59D6E5 }
```

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