

Converting Colors

Hex(59DAE2)

Have a look what the booklet for
Hex(59DAE2) contains.

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Color

Hex(59DAE2)

Conversions

Conversions Part 1

Format	Color
Hex	59DAE2
RGB	89, 218, 226
RGB Percent	35%, 85%, 89%
CMY	0.6510, 0.1451, 0.1137
CMYK	0.61, 0.04, 0.00, 0.11
HSL	184°, 70%, 62%
HSV	184°, 61%, 89%
XYZ	42.9187, 57.7576, 80.8378
YIQ	180.3410, -79.4520, -24.8600

Conversions

Conversions Part 2

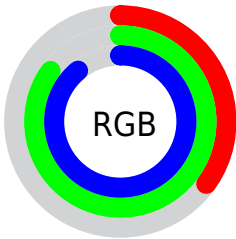
Format	Color
R _Y B	89, 155, 226
Decimal	5888738
CIE Lab	80.60, -32.80, -14.54
CIE LCh	81, 35.879, 203.907
Yxy	57.7576, 0.2364, 0.3182
Android (android.graphics.Color)	4284078818 (0xFF59DAE2)
YUV	180.3410, 22.5099, -80.1061
Hunter-Lab	75.9984, -32.1928, -9.8665

Details

The Hex color **59DAE2** 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 **E26159**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **98FFFF**, and **00A3AB** is the 20% darker color. If you saturate the color by 10%, you get **42D9E2**, and if you desaturate by 10%, it is **70DBE2**.

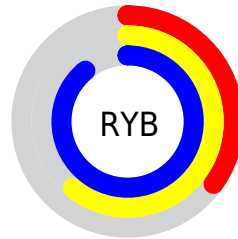
Distribution



Red (35%)

Green (85%)

Blue (89%)



Red (35%)

Yellow (61%)

Blue (89%)

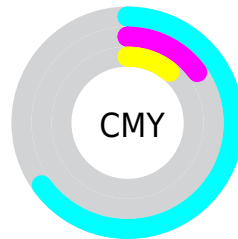


Cyan (61%)

Magenta (4%)

Yellow (0%)

Black (11%)



Cyan (65%)

Magenta (15%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59DAE2 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 59DAE2 by changing the saturation by 10% instead.

 59DAE2

 59DAE2

FFFFFF

 34BEC6


 98FFFF

 00A3AB

 B6FFFF

 008890

 D5FFFF

 006E77

 F3FFFF

 00555E

 003D46

 002830

 00061C

 000000

■ 59DAE2

■ 59DAE2

■ 42D9E2

■ 70DBE2

■ 2CD7E2

■ 86DDE2

■ 15D6E2

■ 9DDEE2

■ 00D5E2

■ B3DFE2

■ CAE1E2

■ E1E2E2

■ F7E3E2

■ FFE5E2

■ FFE6E2

Harmonies

Analogous

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



75DAC0



59DAE2



64D6FD

Triad

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



59DAE2



ECB6F0



E6C485

Complementary

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



59DAE2



E26159

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.



FFB893



59DAE2



FFAFD0

Square

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



59DAE2



C3C2FF



FFB0AE



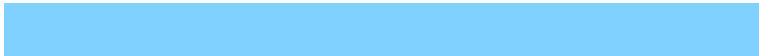
C3CE8A

Rectangle

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



59DAE2



80D1FF



FFB0AE



EFC088

Sweetspot

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



59DAE2



D1FCFF



59E260



637E80



000000



808080

Same Dimension

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



59DAE2



45F4FF



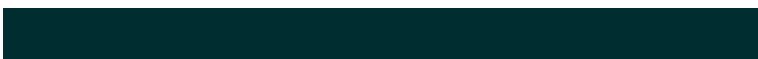
5997E2



657070



00A6B0



002E30

Inverse Universe

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



E259DA



FF45F4



E2A459



706570



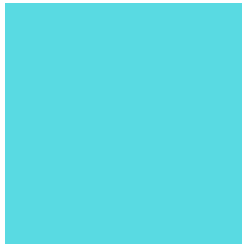
B000A6



30002E

Previews

White Background



This preview shows how the Hex color 59DAE2 looks on a white background.

Color Contrast Check

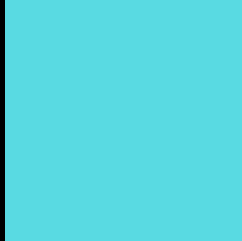
Large Text (above 18pt) WCAG AA × Fail

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 59DAE2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

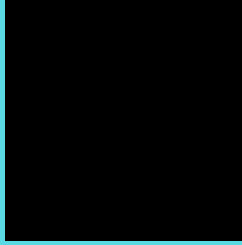
Any Text WCAG AA ✓ Pass

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 59DAE2 Background



This preview shows how black text looks on a background with the Hex color 59DAE2.

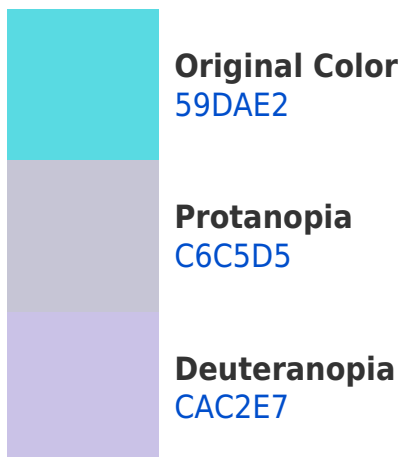


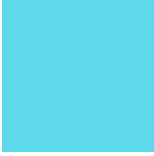
This preview shows how white text looks on a background with the Hex color 59DAE2.

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](#).

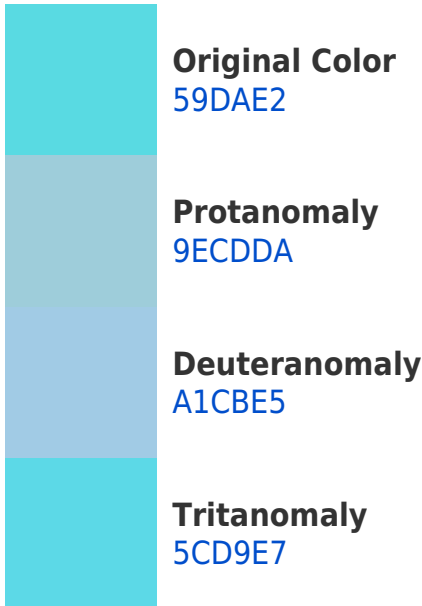
Dichromacy



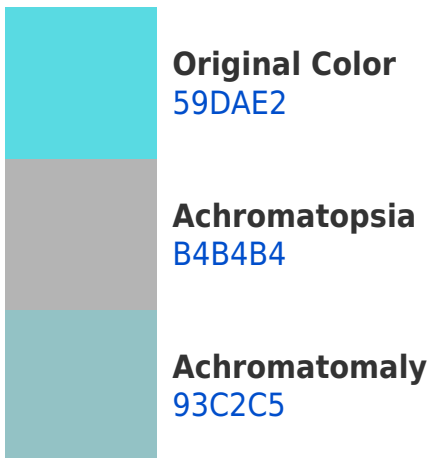


Tritanopia
5DD9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59DAE2 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 #59DAE2 looks like.

```
.text, #text, p{  
    color:#59DAE2  
}
```

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 #59DAE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59DAE2
}
```

Border

The CSS property to change the border of an element to Hex 59DAE2 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
#59DAE2 }
```

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

```
.border{ border-color:#59DAE2 }
```

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

Here you see how a box with a 4 pixel #59DAE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59DAE2; -webkit-box-shadow:4px 4px  
4px 4px #59DAE2; box-shadow:4px 4px 4px  
4px #59DAE2 }
```

Background

The CSS property to change the background color of an element to Hex 59DAE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59DAE2 }
```

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

```
.background{ background-color:#59DAE2 }
```

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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