

Converting Colors

Hex(59DDE2)

Have a look what the booklet for
Hex(59DDE2) contains.

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Color

Hex(59DDE2)

Conversions

Conversions Part 1

Format	Color
Hex	59DDE2
RGB	89, 221, 226
RGB Percent	35%, 87%, 89%
CMY	0.6510, 0.1333, 0.1137
CMYK	0.61, 0.02, 0.00, 0.11
HSL	182°, 70%, 62%
HSV	182°, 61%, 89%
XYZ	43.7037, 59.3277, 81.0995
YIQ	182.1020, -80.2770, -26.4290

Conversions

Conversions Part 2

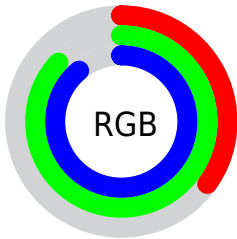
Format	Color
RYB	89, 156, 226
Decimal	5889506
CIELab	81.47, -34.22, -13.24
CIELCh	81, 36.688, 201.153
Yxy	59.3277, 0.2374, 0.3222
Android (android.graphics.Color)	4284079586 (0xFF59DDE2)
YUV	182.1020, 21.6417, -81.6505
Hunter-Lab	77.0245, -33.5119, -8.5096

Details

The Hex color **59DDE2** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E25E59**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **98FFFF**, and **00A5AB** is the 20% darker color. If you saturate the color by 10%, you get **42DCE2**, and if you desaturate by 10%, it is **70DEE2**.

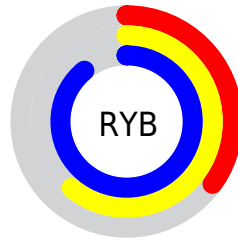
Distribution



Red (35%)

Green (87%)

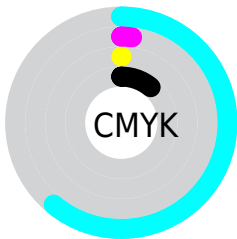
Blue (89%)



Red (35%)

Yellow (61%)

Blue (89%)

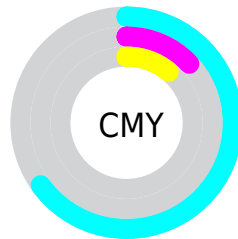


Cyan (61%)

Magenta (2%)

Yellow (0%)

Black (11%)



Cyan (65%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59DDE2 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 59DDE2 by changing the saturation by 10% instead.

 59DDE2

 59DDE2

FFFFFF

 34C1C6

 98FFFF

 00A5AB

 B7FFFF

 008B90

 D5FFFF

 007177

 F4FFFF

 00585E

 004046

 002930

 000C1C

 000000

■ 59DDE2

■ 59DDE2

■ 42DCE2

■ 70DEE2

■ 2CDBE2

■ 86DFE2

■ 15DBE2

■ 9DDFE2

■ 00DAE2

■ B3E0E2

■ CAE1E2

■ E1E2E2

■ F7E3E2

■ FFE4E2

Harmonies

Analogous

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



79DDBF



59DDE2



5FD9FF

Triad

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



59DDE2



ECB9F6



EBC587

Complementary

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



59DDE2



E25E59

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.



FFB996



59DDE2



FFB1D6

Square

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



59DDE2



C1C5FF



FFB2B3



C9D08A

Rectangle

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



59DDE2



7BD4FF



FFB2B3



F5C18A

Sweetspot

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



59DDE2



D1FDFD



59E25E



637E80



000000



808080

Same Dimension

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



59DDE2



45F8FF



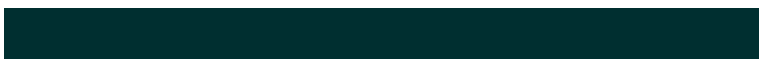
5999E2



657070



00AAB0



002F30

Inverse Universe

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



E259DD



FF45F8



E2A259



706570



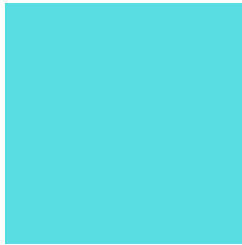
B000AA



30002F

Previews

White Background



This preview shows how the Hex color 59DDE2 looks on a white background.

Color Contrast Check

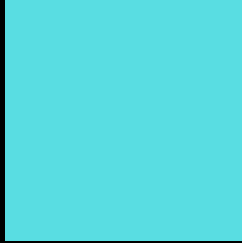
Large Text (above 18pt) WCAG AA × Fail

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 59DDE2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

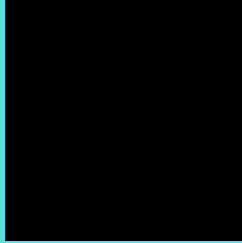
Any Text WCAG AA ✓ Pass

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 59DDE2 Background



This preview shows how black text looks on a background with the Hex color 59DDE2.

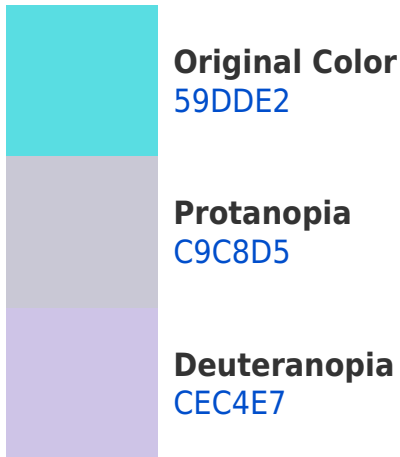


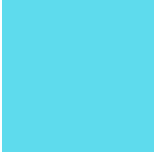
This preview shows how white text looks on a background with the Hex color 59DDE2.

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





Trichromacy



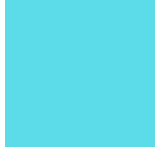
Original Color
59DDE2



Protanomaly
A0D0DA



Deuteranomaly
A3CDE5

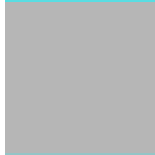


Tritanomaly
5CDCE9

Monochromacy



Original Color
59DDE2



Achromatopsia
B6B6B6



Achromatomaly
94C4C6

CSS Examples

Text

The CSS property to change the color of the text to Hex 59DDE2 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 #59DDE2 looks like.

```
.text, #text, p{  
    color:#59DDE2  
}
```

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 #59DDE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59DDE2
}
```

Border

The CSS property to change the border of an element to Hex 59DDE2 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
#59DDE2 }
```

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

```
.border{ border-color:#59DDE2 }
```

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

Here you see how a box with a 4 pixel #59DDE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59DDE2; -webkit-box-shadow:4px 4px  
4px 4px #59DDE2; box-shadow:4px 4px 4px  
4px #59DDE2 }
```

Background

The CSS property to change the background color of an element to Hex 59DDE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59DDE2 }
```

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

```
.background{ background-color:#59DDE2 }
```

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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