

Converting Colors

Hex(53DEE2)

Have a look what the booklet for
Hex(53DEE2) contains.

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Color

Hex(53DEE2)

Conversions

Conversions Part 1

Format	Color
Hex	53DEE2
RGB	83, 222, 226
RGB Percent	33%, 87%, 89%
CMY	0.6745, 0.1294, 0.1137
CMYK	0.63, 0.02, 0.00, 0.11
HSL	182°, 71%, 61%
HSV	182°, 63%, 89%
XYZ	43.4160, 59.5725, 81.1619
YIQ	180.8950, -84.1280, -28.2240

Conversions

Conversions Part 2

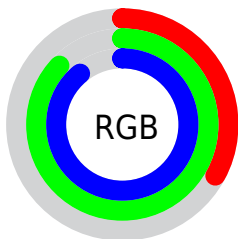
Format	Color
R _Y B	83, 153, 226
Decimal	5496546
CIE Lab	81.61, -35.64, -13.06
CIE LCh	82, 37.957, 200.117
Yxy	59.5725, 0.2358, 0.3235
Android (android.graphics.Color)	4283686626 (0xFF53DDE2)
YUV	180.8950, 22.2368, -85.8539
Hunter-Lab	77.1832, -34.6634, -8.3180

Details

The Hex color **53DEE2** 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 **E25753**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **94FFFF**, and **00A6AB** is the 20% darker color. If you saturate the color by 10%, you get **3CDDE2**, and if you desaturate by 10%, it is **6ADFE2**.

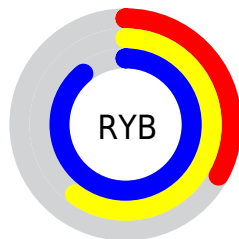
Distribution



Red (33%)

Green (87%)

Blue (89%)



Red (33%)

Yellow (60%)

Blue (89%)

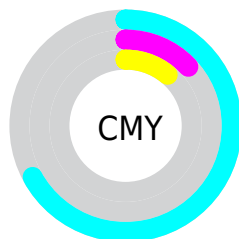


Cyan (63%)

Magenta (2%)

Yellow (0%)

Black (11%)



Cyan (67%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53DEE2 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 53DEE2 by changing the saturation by 10% instead.

 53DEE2

 53DEE2

FFFFFF

 2AC2C6

 94FFFF

 00A6AB

 B3FFFF

 008C90

 D1FFFF

 007277

 F0FFFF

 00585E

 004046

 002A30

 000C1C

 000000

 53DEE2

 53DEE2

 3CDDE2

 6ADFE2

 26DDE2

 80DFE2

 0FDCE2

 97E0E2

 00DCE2

 ADE1E2

 C4E1E2

 DBE2E2

 F1E2E2

 FFE3E2

 FFE4E2

Harmonies

Analogous

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



77DDBD



53DEE2



58DAFF

Triad

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



53DEE2



ECB9F9



EEC585

Complementary

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



53DEE2



E25753

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



53DEE2



FFB1D8

Square

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



53DEE2



BFC6FF



FFB1B4



CBD087

Rectangle

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



53DEE2



75D5FF



FFB1B4



F8C089

Sweetspot

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



53DEE2



CFFEFF



53E255



627F80



000000



808080

Same Dimension

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



53DEE2



3DFAFF



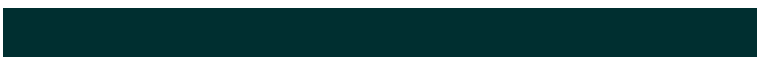
5398E2



657070



00ABB0



002F30

Inverse Universe

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



E253DE



FF3DFA



E29D53



706570



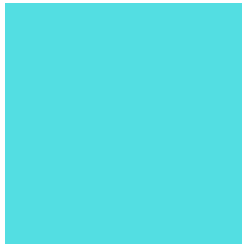
B000AB



30002F

Previews

White Background



This preview shows how the Hex color 53DEE2 looks on a white background.

Color Contrast Check

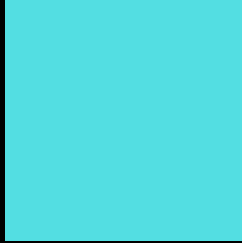
Large Text (above 18pt) WCAG AA × Fail

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 53DEE2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

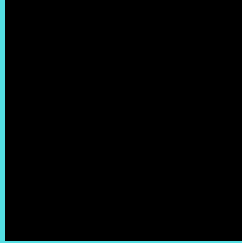
Any Text WCAG AA ✓ Pass

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 53DEE2 Background



This preview shows how black text looks on a background with the Hex color 53DEE2.

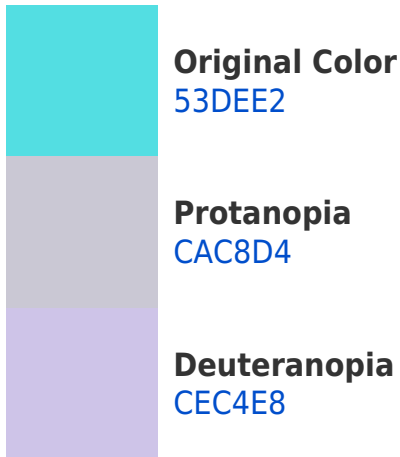


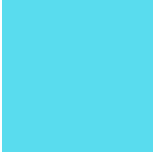
This preview shows how white text looks on a background with the Hex color 53DEE2.

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
59DCEE

Trichromacy



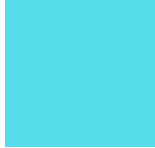
Original Color
53DEE2



Protanomaly
9FD0D9



Deuteranomaly
A1CDE6

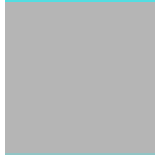


Tritanomaly
57DDEA

Monochromacy



Original Color
53DEE2



Achromatopsia
B5B5B5



Achromatomaly
91C4C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 53DEE2 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 #53DEE2 looks like.

```
.text, #text, p{  
    color:#53DEE2  
}
```

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 #53DEE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53DEE2
}
```

Border

The CSS property to change the border of an element to Hex 53DEE2 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
#53DEE2 }
```

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

```
.border{ border-color:#53DEE2 }
```

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

Here you see how a box with a 4 pixel #53DEE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53DEE2; -webkit-box-shadow:4px 4px  
4px 4px #53DEE2; box-shadow:4px 4px 4px  
4px #53DEE2 }
```

Background

The CSS property to change the background color of an element to Hex 53DEE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53DEE2 }
```

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

```
.background{ background-color:#53DEE2 }
```

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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