

# Converting Colors

Hex(53E6E2)

Have a look what the booklet for  
Hex(53E6E2) contains.

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# Color

Hex(53E6E2)

# Conversions

## Conversions Part 1

Format	Color
Hex	53E6E2
RGB	83, 230, 226
RGB Percent	33%, 90%, 89%
CMY	0.6745, 0.0980, 0.1137
CMYK	0.64, 0.00, 0.02, 0.10
HSL	178°, 75%, 61%
HSV	178°, 64%, 90%
XYZ	45.5916, 63.9236, 81.8871
YIQ	185.5910, -86.3280, -32.4080

# Conversions

## Conversions Part 2

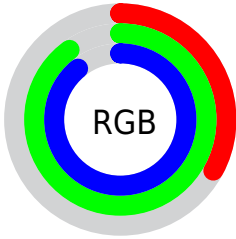
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 158, 230
Decimal	5498594
CIELab	83.93, -39.32, -9.59
CIElCh	84, 40.471, 193.711
Yxy	63.9236, 0.2382, 0.3340
Android (android.graphics.Color)	4283688674 (0xFF53E6E2)
YUV	185.5910, 19.9216, -89.9723
Hunter-Lab	79.9522, -38.1295, -4.7582

# Details

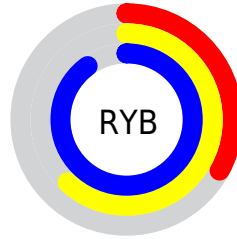
The Hex color **53E6E2** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **E65357**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **95FFFF**, and **00AEAB** is the 20% darker color. If you saturate the color by 10%, you get **3CE6E1**, and if you desaturate by 10%, it is **6AE6E3**.

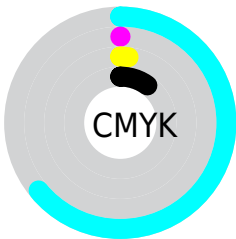
# Distribution



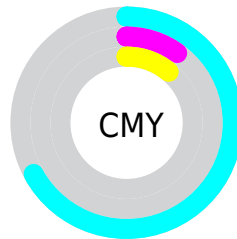
- Red (33%)
- Green (90%)
- Blue (89%)



- Red (33%)
- Yellow (62%)
- Blue (90%)



- Cyan (64%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (67%)
- Magenta (10%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53E6E2 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 53E6E2 by changing the saturation by 10% instead.



 53E6E2

 53E6E2


FFFFFF

 29CAC6

 95FFFF

 00AEAB

 B4FFFF

 009390

 D2FFFF

 007877

 F1FFFF

 005F5E

 004646

 002F30

 00171C

 000000

 53E6E2

 53E6E2

 3CE6E1

 6AE6E3

 25E6E1

 81E6E3

 0EE6E0

 98E6E4

 00E6E0

 AFE6E5

 C6E6E5

 DDE6E6

 F4E6E6

 FFE6E7

 FFE6E8

# Harmonies

## Analogous

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



80E4BB



53E6E2



49E3FF

# Triad

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



53E6E2



ECC1FF



FDC888

# Complementary

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



53E6E2



E65357

# 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.



FFBB9E



53E6E2



FFB7E8

# Square

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



53E6E2



B8CFFF



FFB4C1



DAD586

# Rectangle

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



53E6E2



67DEFF



FFB4C1



FFC38E



# Sweetspot

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



53E6E2



CFFFFE



58E653



62807F



000000



808080



# Same Dimension

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



53E6E2



3BFFFA



53A1E6



677372



00B3AE



003332



# Inverse Universe

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



E65357



FF3B40



E69853



736768



B30005

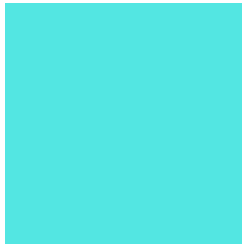


330001



# Previews

## White Background



This preview shows how the Hex color 53E6E2 looks on a white background.

## Color Contrast Check

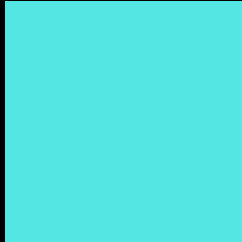
Large Text (above 18pt) WCAG AA × Fail

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 53E6E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

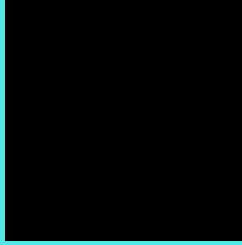
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

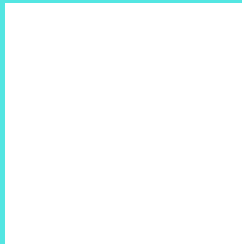
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 53E6E2 Background



This preview shows how black text looks on a background with the Hex color 53E6E2.

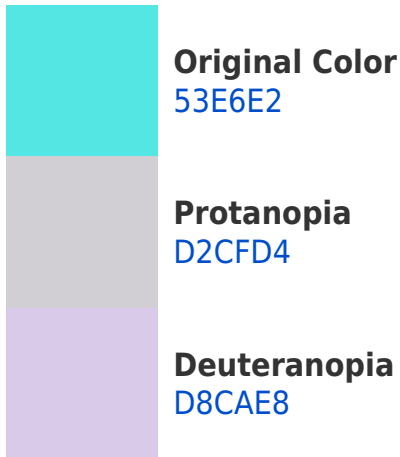


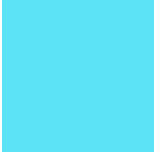
This preview shows how white text looks on a background with the Hex color 53E6E2.

# 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**  
5CE3F5

# Trichromacy



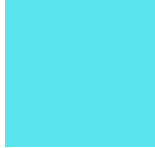
**Original Color**  
53E6E2



**Protanomaly**  
A4D7D9



**Deuteranomaly**  
A8D4E6

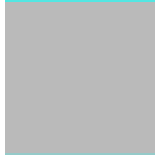


**Tritanomaly**  
59E4EE

# Monochromacy



**Original Color**  
53E6E2



**Achromatopsia**  
BABABA



**Achromatomaly**  
95CAC9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53E6E2 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 #53E6E2 looks like.

```
.text, #text, p{  
    color:#53E6E2  
}
```

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 #53E6E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53E6E2
}
```

## Border

The CSS property to change the border of an element to Hex 53E6E2 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
#53E6E2 }
```

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

```
.border{ border-color:#53E6E2 }
```

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

Here you see how a box with a 4 pixel #53E6E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53E6E2; -webkit-box-shadow:4px 4px  
4px 4px #53E6E2; box-shadow:4px 4px 4px  
4px #53E6E2 }
```

# Background

The CSS property to change the background color of an element to Hex 53E6E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53E6E2 }
```

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

```
.background{ background-color:#53E6E2 }
```

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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