

Converting Colors

Hex(50E1DF)

Have a look what the booklet for
Hex(50E1DF) contains.

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Color

Hex(50E1DF)

Conversions

Conversions Part 1

Format	Color
Hex	50E1DF
RGB	80, 225, 223
RGB Percent	31%, 88%, 87%
CMY	0.6863, 0.1176, 0.1255
CMYK	0.64, 0.00, 0.01, 0.12
HSL	179°, 71%, 60%
HSV	179°, 64%, 88%
XYZ	43.5528, 60.8836, 79.2683
YIQ	181.4170, -85.7780, -31.3620

Conversions

Conversions Part 2

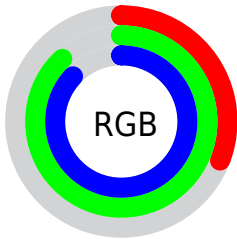
Format	Color
RYB	80, 153, 225
Decimal	5300703
CIELab	82.32, -38.30, -10.41
CIELCh	82, 39.691, 195.203
Yxy	60.8836, 0.2371, 0.3314
Android (android.graphics.Color)	4283490783 (0xFF50E1DF)
YUV	181.4170, 20.5004, -88.9427
Hunter-Lab	78.0280, -36.9158, -5.6129

Details

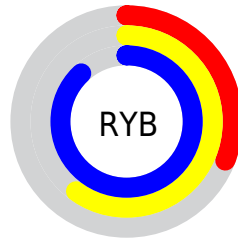
The Hex color **50E1DF** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E15052**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **92FFFF**, and **00A9A8** is the 20% darker color. If you saturate the color by 10%, you get **39E1DF**, and if you desaturate by 10%, it is **67E1DF**.

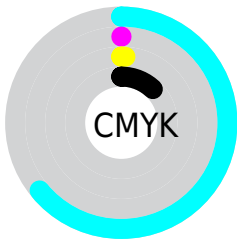
Distribution



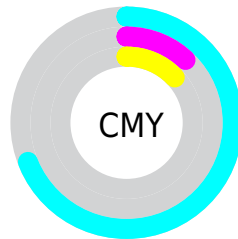
- Red (31%)
- Green (88%)
- Blue (87%)



- Red (31%)
- Yellow (60%)
- Blue (88%)



- Cyan (64%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



- Cyan (69%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50E1DF 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 50E1DF by changing the saturation by 10% instead.

 50E1DF

 50E1DF

FFFFFF

 25C5C3

 92FFFF

 00A9A8

 B1FFFF

 008E8E

 CFFFFFF

 007474

 EFFFFFF

 005B5B

 004244

 002C2E

 00101A

 000000

■ 50E1DF

■ 50E1DF

■ 39E1DF

■ 67E1DF

■ 23E1DE

■ 7DE1E0

■ 0DE1DE

■ 93E1E0

■ 00E1DE

■ AAE1E0

■ C1E1E1

■ D7E1E1

■ EEE1E1

■ FFE1E1

■ FFE1E2

Harmonies

Analogous

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



7CE0B9



50E1DF



4ADEFF

Triad

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



50E1DF



E9BCFF



F6C485

Complementary

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



50E1DF



E15052

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.



FFB89A



50E1DF



FFB2E1

Square

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



50E1DF



B7CAFF



FFB1BB



D3D184

Rectangle

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



50E1DF



68D9FF



FFB1BB



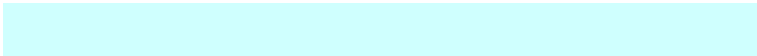
FFC08A

Sweetspot

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



50E1DF



CFFFFE



52E150



62807F



000000



808080

Same Dimension

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



50E1DF



3BFFFC



509BE1



657070



00B0AE



003030

Inverse Universe

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



E15052



FF3B3D



E19650



706565



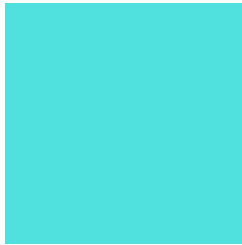
B00002



300001

Previews

White Background



This preview shows how the Hex color 50E1DF looks on a white background.

Color Contrast Check

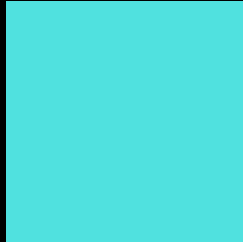
Large Text (above 18pt) WCAG AA × Fail

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 50E1DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

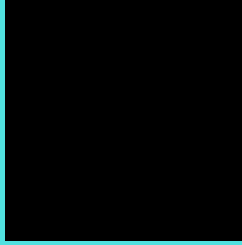
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

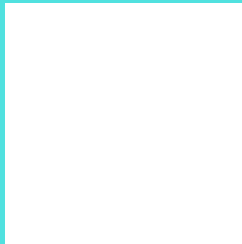
Any Text WCAG AAA ✓ Pass

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

Hex 50E1DF Background



This preview shows how black text looks on a background with the Hex color 50E1DF.

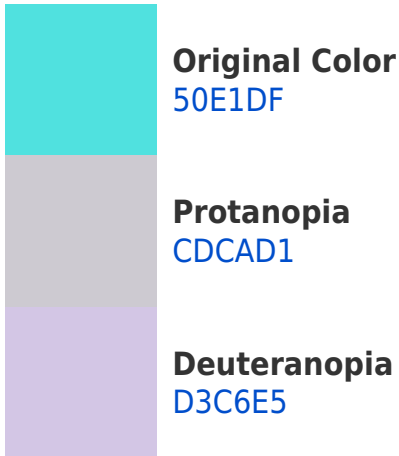


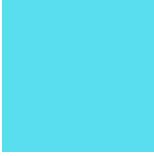
This preview shows how white text looks on a background with the Hex color 50E1DF.

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
59DEF0

Trichromacy



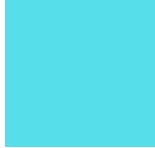
Original Color
50E1DF



Protanomaly
A0D2D6



Deuteranomaly
A3D0E3

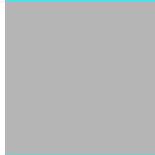


Tritanomaly
56DFEA

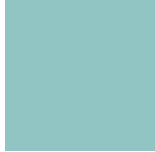
Monochromacy



Original Color
50E1DF



Achromatopsia
B5B5B5



Achromatomaly
90C5C4

CSS Examples

Text

The CSS property to change the color of the text to Hex 50E1DF 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 #50E1DF looks like.

```
.text, #text, p{  
    color:#50E1DF  
}
```

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 #50E1DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50E1DF
}
```

Border

The CSS property to change the border of an element to Hex 50E1DF 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
#50E1DF }
```

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

```
.border{ border-color:#50E1DF }
```

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

Here you see how a box with a 4 pixel #50E1DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50E1DF; -webkit-box-shadow:4px 4px  
4px 4px #50E1DF; box-shadow:4px 4px 4px  
4px #50E1DF }
```

Background

The CSS property to change the background color of an element to Hex 50E1DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50E1DF }
```

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

```
.background{ background-color:#50E1DF }
```

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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