

# Converting Colors

Hex(5DE3EA)

Have a look what the booklet for  
Hex(5DE3EA) contains.

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# Color

**Hex(5DE3EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DE3EA
RGB	93, 227, 234
RGB Percent	36%, 89%, 92%
CMY	0.6353, 0.1098, 0.0824
CMYK	0.60, 0.03, 0.00, 0.08
HSL	183°, 77%, 64%
HSV	183°, 60%, 92%
XYZ	46.8346, 63.2058, 87.5734
YIQ	187.7320, -82.1110, -26.2310

# Conversions

## Conversions Part 2

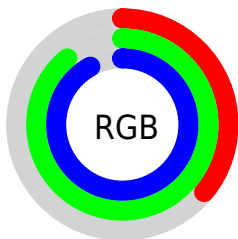
Format	Color
<a href="#">RYB</a>	<a href="#">93, 162, 234</a>
Decimal	<a href="#">6153194</a>
CIELab	<a href="#">83.55, -34.17, -14.36</a>
CIELCh	<a href="#">84, 37.067, 202.786</a>
Yxy	<a href="#">63.2058, 0.2370, 0.3198</a>
Android (android.graphics.Color)	<a href="#">4284343274 (0xFF5DE3EA)</a>
YUV	<a href="#">187.7320, 22.8101, -83.0800</a>
Hunter-Lab	<a href="#">79.5021, -33.9746, -9.6578</a>

# Details

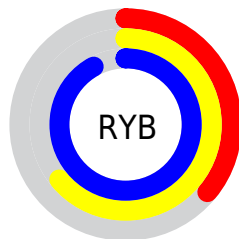
The Hex color **5DE3EA** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **EA645D**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **9CFFFF**, and **00ABB2** is the 20% darker color. If you saturate the color by 10%, you get **46E2EA**, and if you desaturate by 10%, it is **74E4EA**.

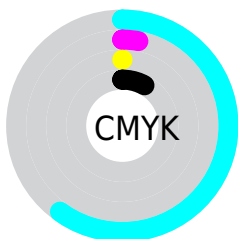
# Distribution



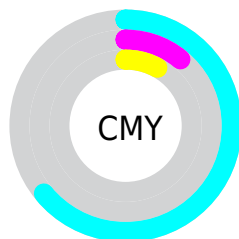
- Red (36%)
- Green (89%)
- Blue (92%)



- Red (36%)
- Yellow (64%)
- Blue (92%)



- Cyan (60%)
- Magenta (3%)
- Yellow (0%)
- Black (8%)



- Cyan (64%)
- Magenta (11%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DE3EA 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 5DE3EA by changing the saturation by 10% instead.



 5DE3EA

 5DE3EA

FFFFFF

 38C7CE

 9CFFFF

 00ABB2

 BBFFFF

 009098

 DAFFFF

 00767E

 F8FFFF

 005D65

 00454D

 002E36

 001621

 000008

 5DE3EA

 5DE3EA

 46E2EA

 74E4EA

 2EE1EA

 8CE5EA

 17E0EA

 A3E6EA

 00DEEA

 BBE8EA

 D2E9EA

 E9EAEA

 FFEBEA

 FFECEA

 FFEDEA

# Harmonies

## Analogous

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



7CE3C6



5DE3EA



66DFFF

# Triad

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



5DE3EA



F5BEFB



F0CB8B

# Complementary

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



5DE3EA



EA645D

# 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.



FFBF9A



5DE3EA



FFB7DA

# Square

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



5DE3EA



C9CAFF



FFB7B7



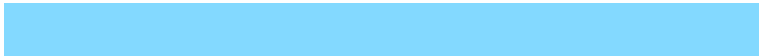
CDD68F

# Rectangle

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



5DE3EA



83D9FF



FFB7B7



FAC78E



# Sweetspot

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



5DE3EA



D1FDFF



5DEA62



637E80



000000



808080



# Same Dimension

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



5DE3EA



47F6FF



5D9FEA



6A7575



00ACB5



003336



# Inverse Universe

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



EA5DE3



FF47F6



EAA85D



756A75



B500AC

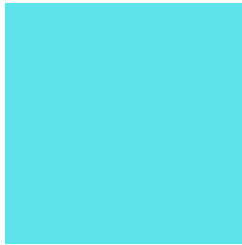


360033



# Previews

## White Background



This preview shows how the Hex color 5DE3EA looks on a white background.

## Color Contrast Check

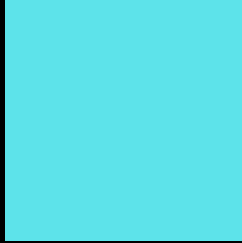
Large Text (above 18pt) WCAG AA × Fail

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 5DE3EA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

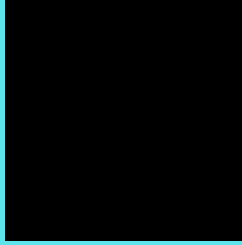
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5DE3EA Background



This preview shows how black text looks on a background with the Hex color 5DE3EA.

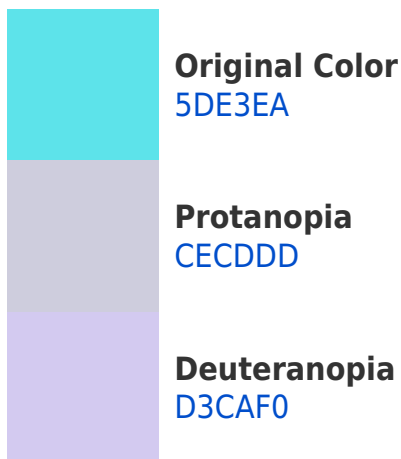


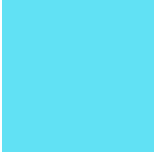
This preview shows how white text looks on a background with the Hex color 5DE3EA.

# 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**  
61E1F4

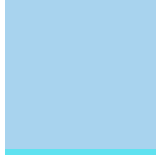
# Trichromacy



**Original Color**  
5DE3EA



**Protanomaly**  
A5D5E2



**Deuteranomaly**  
A8D3EE

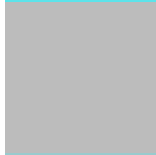


**Tritanomaly**  
60E2F0

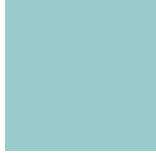
# Monochromacy



**Original Color**  
5DE3EA



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
99CADC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DE3EA 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 #5DE3EA looks like.

```
.text, #text, p{  
    color:#5DE3EA  
}
```

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 #5DE3EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DE3EA
}
```

## Border

The CSS property to change the border of an element to Hex 5DE3EA 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
#5DE3EA }
```

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

```
.border{ border-color:#5DE3EA }
```

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

Here you see how a box with a 4 pixel #5DE3EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DE3EA; -webkit-box-shadow:4px 4px  
4px 4px #5DE3EA; box-shadow:4px 4px 4px  
4px #5DE3EA }
```

# Background

The CSS property to change the background color of an element to Hex 5DE3EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DE3EA }
```

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

```
.background{ background-color:#5DE3EA }
```

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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