

# Converting Colors

Hex(5DE9D1)

Have a look what the booklet for  
Hex(5DE9D1) contains.

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# **Color**

**Hex(5DE9D1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DE9D1
RGB	93, 233, 209
RGB Percent	36%, 91%, 82%
CMY	0.6353, 0.0863, 0.1804
CMYK	0.60, 0.00, 0.10, 0.09
HSL	170°, 76%, 64%
HSV	170°, 60%, 91%
XYZ	45.1617, 65.2084, 70.5278
YIQ	188.4040, -75.7360, -37.1440

# Conversions

## Conversions Part 2

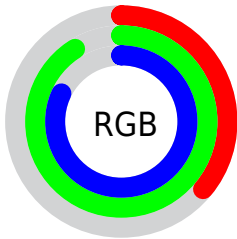
Format	Color
<b>RYB</b>	93, 170, 233
Decimal	6154705
CIELab	84.59, -43.42, 0.39
CIElCh	85, 43.420, 179.491
Yxy	65.2084, 0.2497, 0.3605
Android (android.graphics.Color)	4284344785 (0xFF5DE9D1)
YUV	188.4040, 10.1538, -83.6693
Hunter-Lab	80.7517, -41.4865, 4.7429

# Details

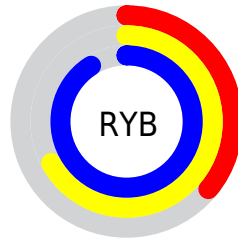
The Hex color **5DE9D1** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **E95D75**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **9CFFFF**, and **00B19B** is the 20% darker color. If you saturate the color by 10%, you get **46E9CD**, and if you desaturate by 10%, it is **74E9D5**.

# Distribution



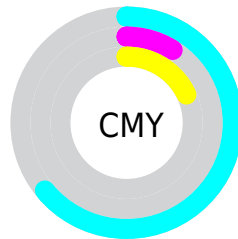
- Red (36%)
- Green (91%)
- Blue (82%)



- Red (36%)
- Yellow (67%)
- Blue (91%)



- Cyan (60%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)



- Cyan (64%)
- Magenta (9%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DE9D1 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 5DE9D1 by changing the saturation by 10% instead.



 5DE9D1

 5DE9D1


FFFFFF

 39CCB5

 9CFFFF

 00B19B

 BAFFFF

 009581

 D8FFFF

 007B68

 F7FFFF

 006150

 004839

 003123

 00190E

 000000

 5DE9D1

 5DE9D1

 46E9CD

 74E9D5

 2EE9C9

 8CE9D9

 17E9C5

 A3E9DD

 00E9C1

 BAE9E1

 D2E9E5

 E9E9E9

 FFE9ED

 FFE9F1

 FFE9F5

# Harmonies

## Analogous

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



94E5A8



5DE9D1



2AE8FA

# Triad

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



5DE9D1



D7C9FF



FFC28E

# Complementary

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



5DE9D1



E95D75

# 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.



FFB7AD



5DE9D1



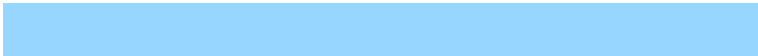
FFBBFD

# Square

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



5DE9D1



97D7FF



FFB3D5



EFD081

# Rectangle

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



5DE9D1



3AE5FF



FFB3D5



FFBE96

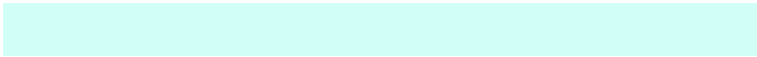


# Sweetspot

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



5DE9D1



D1FFF7



77E95D



63807B



000000



808080



# Same Dimension

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



5DE9D1



47FFE0



5DBDE9



6A7573



00B596



00362C



# Inverse Universe

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



E95D75



FF4767



E9895D



756A6C



B5001F

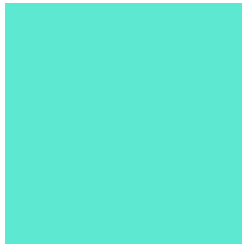


360009



# Previews

## White Background



This preview shows how the Hex color 5DE9D1 looks on a white background.

## Color Contrast Check

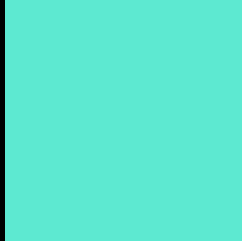
Large Text (above 18pt) WCAG AA × Fail

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 5DE9D1 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

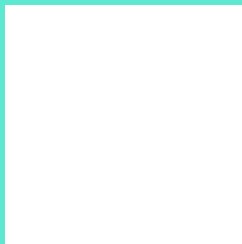
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5DE9D1 Background



This preview shows how black text looks on a background with the Hex color 5DE9D1.

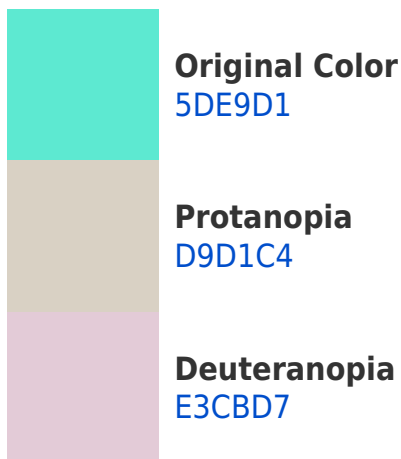


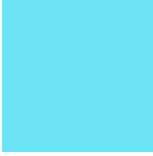
This preview shows how white text looks on a background with the Hex color 5DE9D1.

# 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



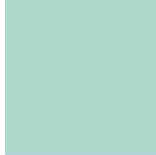


**Tritanopia**  
6CE4F6

# Trichromacy



**Original Color**  
5DE9D1



**Protanomaly**  
ACDAC9



**Deuteranomaly**  
B2D6D5

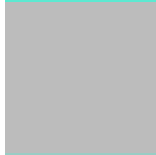


**Tritanomaly**  
67E6E9

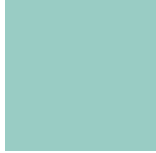
# Monochromacy



**Original Color**  
5DE9D1



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
99CCC4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DE9D1 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 #5DE9D1 looks like.

```
.text, #text, p{  
    color:#5DE9D1  
}
```

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 #5DE9D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DE9D1
}
```

## Border

The CSS property to change the border of an element to Hex 5DE9D1 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
#5DE9D1 }
```

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

```
.border{ border-color:#5DE9D1 }
```

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

Here you see how a box with a 4 pixel #5DE9D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DE9D1; -webkit-box-shadow:4px 4px  
4px 4px #5DE9D1; box-shadow:4px 4px 4px  
4px #5DE9D1 }
```

# Background

The CSS property to change the background color of an element to Hex 5DE9D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DE9D1 }
```

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

```
.background{ background-color:#5DE9D1 }
```

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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