

# Converting Colors

Hex(5DDEC9)

Have a look what the booklet for  
Hex(5DDEC9) contains.

<b>Hex(5DDEC9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(5DDEC9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DDEC9
RGB	93, 222, 201
RGB Percent	36%, 87%, 79%
CMY	0.6353, 0.1294, 0.2118
CMYK	0.58, 0.00, 0.09, 0.13
HSL	170°, 66%, 62%
HSV	170°, 58%, 87%
XYZ	41.1781, 58.7868, 64.4350
YIQ	181.0350, -70.1430, -33.8790

# Conversions

## Conversions Part 2

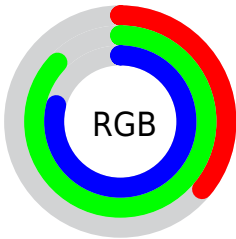
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 163, 222
Decimal	6151881
CIELab	81.17, -40.52, -0.37
CIELCh	81, 40.519, 180.525
Yxy	58.7868, 0.2505, 0.3576
Android (android.graphics.Color)	4284341961 (0xFF5DDEC9)
YUV	181.0350, 9.8427, -77.2067
Hunter-Lab	76.6725, -38.3109, 3.8439

# Details

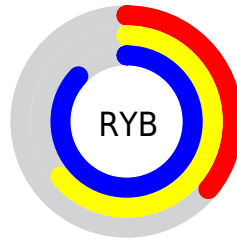
The Hex color **5DDEC9** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DE5D72**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **9AFFFF**, and **01A693** is the 20% darker color. If you saturate the color by 10%, you get **47DEC5**, and if you desaturate by 10%, it is **73DECD**.

# Distribution



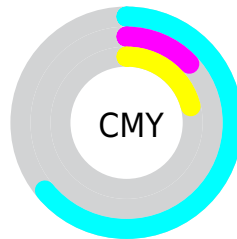
- Red (36%)
- Green (87%)
- Blue (79%)



- Red (36%)
- Yellow (64%)
- Blue (87%)



- Cyan (58%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)



- Cyan (64%)
- Magenta (13%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DDEC9 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 5DDEC9 by changing the saturation by 10% instead.



 5DDEC9

 5DDEC9

FFFFFF

 3BC2AE

 9AFFFF

 01A693

 B8FFFF

 008B79

 D6FFFF


 007161

 F4FFFF

 005849

 004033

 002A1D

 000805

 000000

 5DDEC9

 5DDEC9

 47DEC5

 73DECD

 31DEC2

 89DED0

 1ADEBE

 A0DED4

 04DEBB

 B6DED7

 00DEBA

 CCDEDB

 E2DEDf

 F8DEE2

 FFDEE6

 FFDEEA

# Harmonies

## Analogous

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



8EDBA3



5DDEC9



38DDEF

# Triad

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



5DDEC9



CFC0FF



FFBA89

# Complementary

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



5DDEC9



DE5D72

# 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.



FFB0A5



5DDEC9



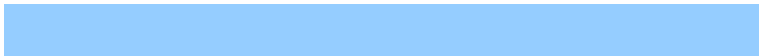
FAB3F0

# Square

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



5DDEC9



95CFFF



FFACCA



E2C87D

# Rectangle

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



5DDEC9



45DAFF



FFACCA



FFB691

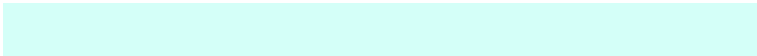


# Sweetspot

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



5DDEC9



D4FFF8



72DE5D



66807B



000000



808080



# Same Dimension

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



5DDEC9



4DFFE2



5DB3DE



65706E



00B093



003029



# Inverse Universe

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



DE5D72



FF4D6A



DE885D



706567



B0001D

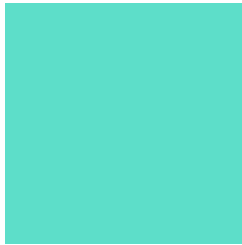


300008



# Previews

## White Background



This preview shows how the Hex color 5DDEC9 looks on a white background.

## Color Contrast Check

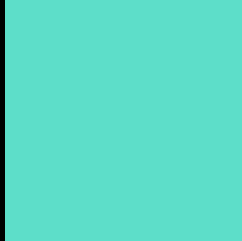
Large Text (above 18pt) WCAG AA × Fail

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 5DDEC9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

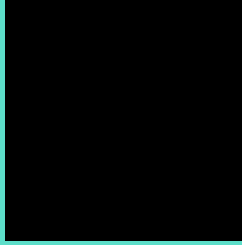
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

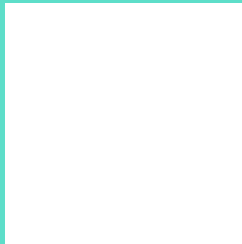
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5DDEC9 Background



This preview shows how black text looks on a background with the Hex color 5DDEC9.



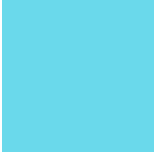
This preview shows how white text looks on a background with the Hex color 5DDEC9.

# 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**  
6AD9EB

# Trichromacy



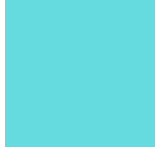
**Original Color**  
5DDEC9



**Protanomaly**  
A5CFC1



**Deuteranomaly**  
ABCCCD

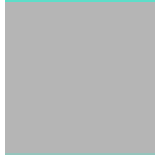


**Tritanomaly**  
65DBDF

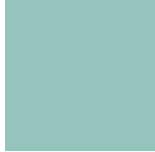
# Monochromacy



**Original Color**  
5DDEC9



**Achromatopsia**  
B5B5B5



**Achromatomaly**  
95C4BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DDEC9 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 #5DDEC9 looks like.

```
.text, #text, p{  
    color:#5DDEC9  
}
```

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 #5DDEC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DDEC9
}
```

## Border

The CSS property to change the border of an element to Hex 5DDEC9 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
#5DDEC9 }
```

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

```
.border{ border-color:#5DDEC9 }
```

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

Here you see how a box with a 4 pixel #5DDEC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DDEC9; -webkit-box-shadow:4px 4px  
4px 4px #5DDEC9; box-shadow:4px 4px 4px  
4px #5DDEC9 }
```

# Background

The CSS property to change the background color of an element to Hex 5DDEC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DDEC9 }
```

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

```
.background{ background-color:#5DDEC9 }
```

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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