

Converting Colors

Hex(53DEC9)

Have a look what the booklet for
Hex(53DEC9) contains.

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Color

Hex(53DEC9)

Conversions

Conversions Part 1

Format	Color
Hex	53DEC9
RGB	83, 222, 201
RGB Percent	33%, 87%, 79%
CMY	0.6745, 0.1294, 0.2118
CMYK	0.63, 0.00, 0.09, 0.13
HSL	171°, 68%, 60%
HSV	171°, 63%, 87%
XYZ	40.2312, 58.2986, 64.3907
YIQ	178.0450, -76.1030, -35.9990

Conversions

Conversions Part 2

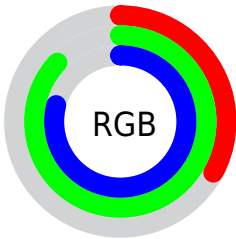
Format	Color
RYB	83, 158, 222
Decimal	5496521
CIELab	80.90, -42.28, -0.80
CIELCh	81, 42.285, 181.081
Yxy	58.2986, 0.2469, 0.3578
Android (android.graphics.Color)	4283686601 (0xFF53DEC9)
YUV	178.0450, 11.3168, -83.3545
Hunter-Lab	76.3535, -39.5658, 3.4468

Details

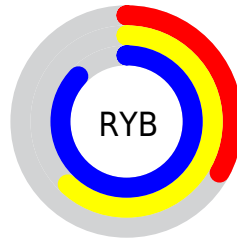
The Hex color **53DEC9** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DE5368**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **92FFFF**, and **00A693** is the 20% darker color. If you saturate the color by 10%, you get **3DDEC6**, and if you desaturate by 10%, it is **69DECC**.

Distribution



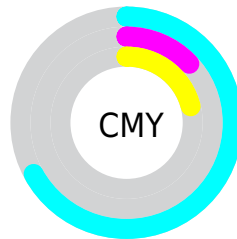
- Red (33%)
- Green (87%)
- Blue (79%)



- Red (33%)
- Yellow (62%)
- Blue (87%)



- Cyan (63%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)



- Cyan (67%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53DEC9 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 53DEC9 by changing the saturation by 10% instead.

 53DEC9

 53DEC9

FFFFFF

 2DC2AE

 92FFFF

 00A693

 B0FFFF

 008B79

 CFFFFFF

 007161

 EDFFFF

 005849

 003F33

 002A1D

 000605

 000000

 53DEC9

 53DEC9

 3DDEC6

 69DECC

 27DEC2

 7FDED0

 10DEBF

 96DED3

 00DEBC

 ACDED6

 C2DEDA

 D8DEDD

 EEDEE0

 FFDEE4

 FFDEE7

Harmonies

Analogous

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



89DBA1



53DEC9



20DDF0

Triad

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



53DEC9



CFBEFF



FFB985

Complementary

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



53DEC9



DE5368

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.



FFAEA2



53DEC9



FCB1F0

Square

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



53DEC9



92CCFF



FFAAC9



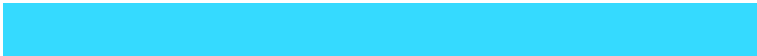
E2C779

Rectangle

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



53DEC9



35DAFF



FFAAC9



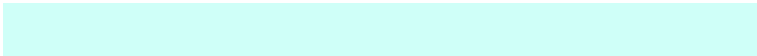
FFB58D

Sweetspot

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



53DEC9



CFFFF8



6ADE53



62807B



000000



808080

Same Dimension

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



53DEC9



40FFE2



53B0DE



65706F



00B095



003029

Inverse Universe

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



DE5368



FF405D



DE8153



706567



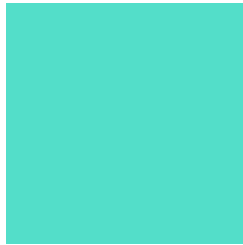
B0001B



300007

Previews

White Background



This preview shows how the Hex color 53DEC9 looks on a white background.

Color Contrast Check

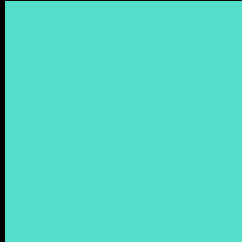
Large Text (above 18pt) WCAG AA × Fail

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 53DEC9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

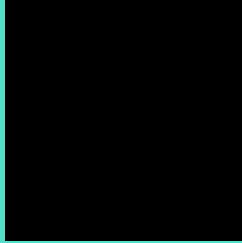
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

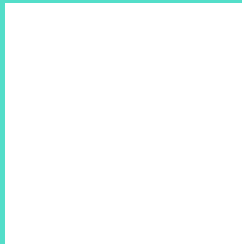
Any Text WCAG AAA ✓ Pass

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

Hex 53DEC9 Background



This preview shows how black text looks on a background with the Hex color 53DEC9.



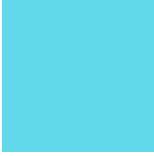
This preview shows how white text looks on a background with the Hex color 53DEC9.

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](#).

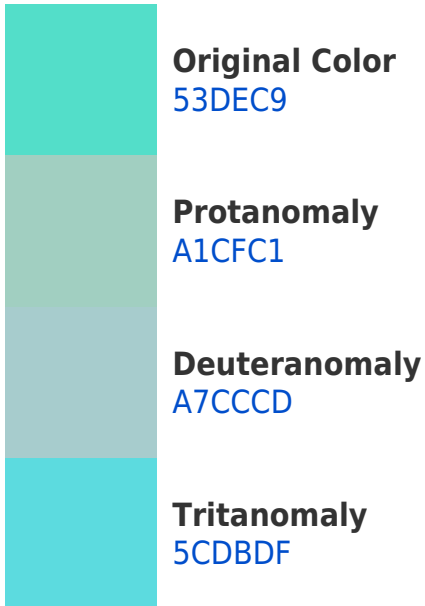
Dichromacy





Tritanopia
61D9EB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53DEC9 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 #53DEC9 looks like.

```
.text, #text, p{  
    color:#53DEC9  
}
```

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 #53DEC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53DEC9
}
```

Border

The CSS property to change the border of an element to Hex 53DEC9 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
#53DEC9 }
```

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

```
.border{ border-color:#53DEC9 }
```

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

Here you see how a box with a 4 pixel #53DEC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53DEC9; -webkit-box-shadow:4px 4px  
4px 4px #53DEC9; box-shadow:4px 4px 4px  
4px #53DEC9 }
```

Background

The CSS property to change the background color of an element to Hex 53DEC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53DEC9 }
```

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

```
.background{ background-color:#53DEC9 }
```

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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