

# Converting Colors

Hex(52DED6)

Have a look what the booklet for  
Hex(52DED6) contains.

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# **Color**

**Hex(52DED6)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 52DED6                       |
| RGB         | 82, 222, 214                 |
| RGB Percent | 32%, 87%, 84%                |
| CMY         | 0.6784, 0.1294, 0.1608       |
| CMYK        | 0.63, 0.00, 0.04, 0.13       |
| HSL         | 177°, 68%, 60%               |
| HSV         | 177°, 63%, 87%               |
| XYZ         | 41.7386, 58.8914, 72.7857    |
| YIQ         | 179.2280, -80.8720, -32.1680 |

# Conversions

## Conversions Part 2

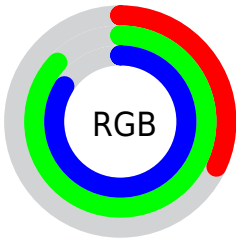
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <a href="#">RYB</a>                 | 82, 154, 222                   |
| Decimal                             | 5430998                        |
| CIELab                              | 81.23, -39.06, -7.23           |
| CIElCh                              | 81, 39.721, 190.492            |
| Yxy                                 | 58.8914, 0.2407,<br>0.3396     |
| Android<br>(android.graphics.Color) | 4283621078<br>(0xFF52DED6)     |
| YUV                                 | 179.2280, 17.1426,<br>-85.2690 |
| Hunter-Lab                          | 76.7408, -37.2119,<br>-2.5158  |

# Details

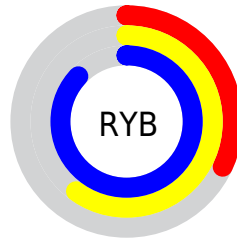
The Hex color **52DED6** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DE525A**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **92FFFF**, and **00A69F** is the 20% darker color. If you saturate the color by 10%, you get **3CDED5**, and if you desaturate by 10%, it is **68DED7**.

# Distribution



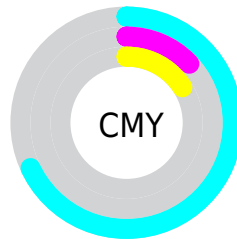
- Red (32%)
- Green (87%)
- Blue (84%)



- Red (32%)
- Yellow (60%)
- Blue (87%)



- Cyan (63%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (68%)
- Magenta (13%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52DED6 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 52DED6 by changing the saturation by 10% instead.



 52DED6

 52DED6

FFFFFF

 2AC2BA

 92FFFF

 00A69F

 B1FFFF

 008B85

 CFFFFFF

 00716C

 EFFFFFF

 005854

 00403D

 002A27

 000913

 000000

52DED6

52DED6

3CDED5

68DED7

26DED3

7EDED9

0FDED2

95DEDA

00DED1

ABDEDB

C1DEDC

D7DEDE

EDDEDF

FFDEE0

FFDEE1

# Harmonies

## Analogous

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



80DCB0



52DED6



41DCF9

# Triad

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



52DED6



DFBBFF



F8BF84

# Complementary

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



52DED6



DE525A

# 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.



FFB39B



52DED6



FFB1E3

# Square

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



52DED6



ABC9FF



FFADBE



D6CC80

# Rectangle

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



52DED6



5BD7FF



FFADBE



FFBB8A

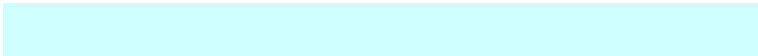


# Sweetspot

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



52DED6



CFFFC



5BDE52



62807E



000000



808080



# Same Dimension

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



52DED6



3DFFF4



52A1DE



657070



00B0A6



00302E



# Inverse Universe

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



DE525A



FF3D48



DE8F52



706566



B0000A

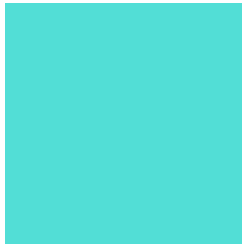


300003



# Previews

## White Background



This preview shows how the Hex color 52DED6 looks on a white background.

## Color Contrast Check

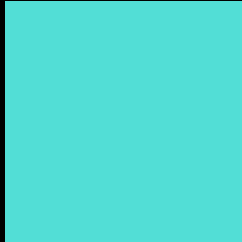
Large Text (above 18pt) WCAG AA × Fail

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 52DED6 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

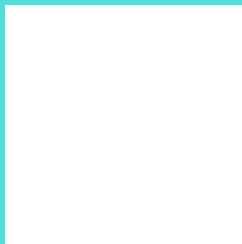
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 52DED6 Background



This preview shows how black text looks on a background with the Hex color 52DED6.

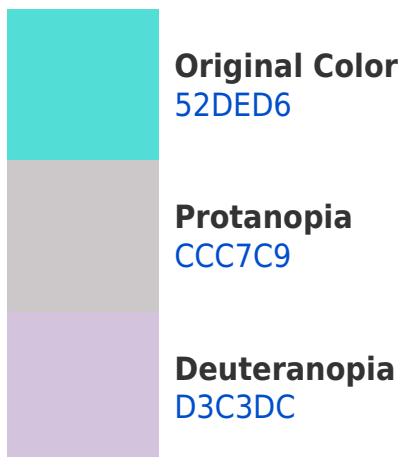


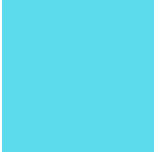
This preview shows how white text looks on a background with the Hex color 52DED6.

# 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





# Trichromacy



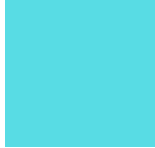
**Original Color**  
52DED6



**Protanomaly**  
A0CFCE



**Deuteranomaly**  
A4CDDA

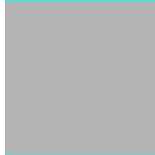


**Tritanomaly**  
58DCE4

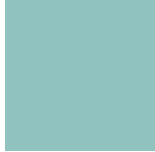
# Monochromacy



**Original Color**  
52DED6



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
90C3C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52DED6 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 #52DED6 looks like.

```
.text, #text, p{  
    color:#52DED6  
}
```

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 #52DED6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52DED6  
}
```

## Border

The CSS property to change the border of an element to Hex 52DED6 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  
#52DED6 }
```

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

```
.border{ border-color:#52DED6 }
```

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

Here you see how a box with a 4 pixel #52DED6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52DED6; -webkit-box-shadow:4px 4px  
4px 4px #52DED6; box-shadow:4px 4px 4px  
4px #52DED6 }
```

# Background

The CSS property to change the background color of an element to Hex 52DED6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52DED6 }
```

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

```
.background{ background-color:#52DED6 }
```

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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