

# Converting Colors

Hex(52EED4)

Have a look what the booklet for  
Hex(52EED4) contains.

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# Color

Hex(52EED4)

# Conversions

## Conversions Part 1

Format	Color
Hex	52EED4
RGB	82, 238, 212
RGB Percent	32%, 93%, 83%
CMY	0.6784, 0.0667, 0.1686
CMYK	0.66, 0.00, 0.11, 0.07
HSL	170°, 82%, 63%
HSV	170°, 66%, 93%
XYZ	45.9379, 67.6964, 72.9329
YIQ	188.3920, -84.6300, -41.1580

# Conversions

## Conversions Part 2

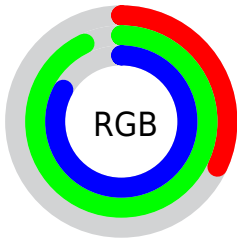
Format	Color
<b>RYB</b>	82, 167, 238
Decimal	5435092
CIELab	85.85, -46.64, 0.62
CIELCh	86, 46.645, 179.239
Yxy	67.6964, 0.2462, 0.3629
Android (android.graphics.Color)	4283625172 (0xFF52EED4)
YUV	188.3920, 11.6387, -93.3058
Hunter-Lab	82.2778, -44.3249, 5.0385

# Details

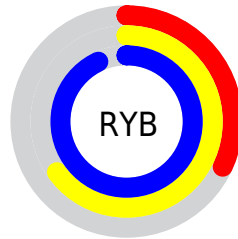
The Hex color **52EED4** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **EE526C**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **94FFFF**, and **00B59E** is the 20% darker color. If you saturate the color by 10%, you get **3AEED0**, and if you desaturate by 10%, it is **6AEED8**.

# Distribution



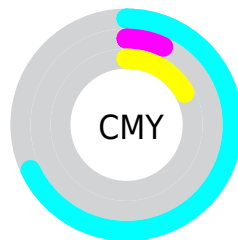
- Red (32%)
- Green (93%)
- Blue (83%)



- Red (32%)
- Yellow (65%)
- Blue (93%)



- Cyan (66%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)



- Cyan (68%)
- Magenta (7%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52EED4 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 52EED4 by changing the saturation by 10% instead.



 52EED4

 52EED4

FFFFFF

 27D1B8

 94FFFF

 00B59E

 B3FFFF

 009A83

 D2FFFF

 007F6A

 F1FFFF

 006552

 004C3B

 003426

 001D11

 000000

 52EED4

 52EED4

 3AEED0

 6AEED8

 22EECC

 82EEDC

 0BEEC8

 99EEE0

 00EEC6

 B1EEE4

 C9EEE8

 E1EEEC

 F9EEF0

 FFEEF4

 FFEEF8

# Harmonies

## Analogous

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



92EAA8



52EED4



00EDFF

# Triad

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



52EED4



DACFF



FFC48C

# Complementary

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



52EED4



EE526C

# 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.



FFB8AE



52EED4



FFBCFF

# Square

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



52EED4



93DBFF



FFB4DA



F4D47D

# Rectangle

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



52EED4



0AEAFF



FFB4DA



FFBF96

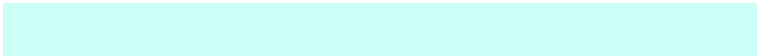


# Sweetspot

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



52EED4



CCFFF6



6CEE52



61807A



000000



808080



# Same Dimension

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



52EED4



36FFDD



52BDEE



6C7876



00B899



00382F



# Inverse Universe

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



EE526C



FF3657



EE8652



786C6E



B8001F

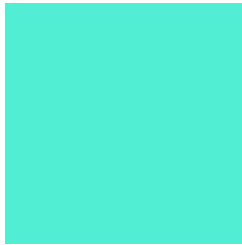


380009



# Previews

## White Background



This preview shows how the Hex color 52EED4 looks on a white background.

## Color Contrast Check

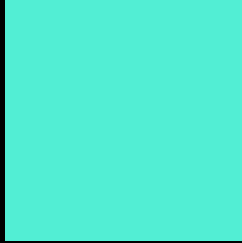
Large Text (above 18pt) WCAG AA × Fail

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 52EED4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

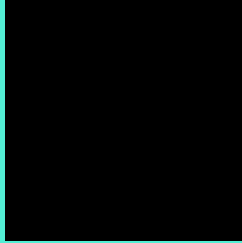
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 52EED4 Background



This preview shows how black text looks on a background with the Hex color 52EED4.



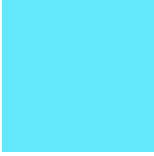
This preview shows how white text looks on a background with the Hex color 52EED4.

# 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



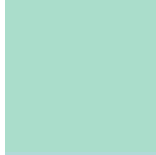


**Tritanopia**  
64E8FB

# Trichromacy



**Original Color**  
52EED4



**Protanomaly**  
AADDCB



**Deuteranomaly**  
B1DAD8

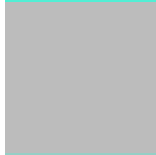


**Tritanomaly**  
5DEAED

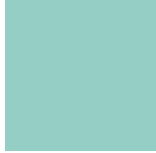
# Monochromacy



**Original Color**  
52EED4



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
95CEC5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52EED4 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 #52EED4 looks like.

```
.text, #text, p{  
    color:#52EED4  
}
```

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 #52EED4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52EED4
}
```

## Border

The CSS property to change the border of an element to Hex 52EED4 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
#52EED4 }
```

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

```
.border{ border-color:#52EED4 }
```

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

Here you see how a box with a 4 pixel #52EED4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52EED4; -webkit-box-shadow:4px 4px  
4px 4px #52EED4; box-shadow:4px 4px 4px  
4px #52EED4 }
```

# Background

The CSS property to change the background color of an element to Hex 52EED4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52EED4 }
```

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

```
.background{ background-color:#52EED4 }
```

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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