

Converting Colors

Hex(52BEE1)

Have a look what the booklet for
Hex(52BEE1) contains.

Hex(52BEE1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(52BEE1)

Conversions

Conversions Part 1

Format	Color
Hex	52BEE1
RGB	82, 190, 225
RGB Percent	32%, 75%, 88%
CMY	0.6784, 0.2549, 0.1176
CMYK	0.64, 0.16, 0.00, 0.12
HSL	195°, 70%, 60%
HSV	195°, 64%, 88%
XYZ	35.4837, 44.0570, 77.8678
YIQ	161.6980, -75.6030, -12.0110

Conversions

Conversions Part 2

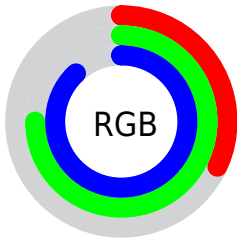
Format	Color
RYB	82, 144, 225
Decimal	5422817
CIELab	72.27, -20.43, -26.67
CIELCh	72, 33.597, 232.541
Yxy	44.0570, 0.2254, 0.2799
Android (android.graphics.Color)	4283612897 (0xFF52BEE1)
YUV	161.6980, 31.2079, -69.8951
Hunter-Lab	66.3754, -20.7325, -23.0928

Details

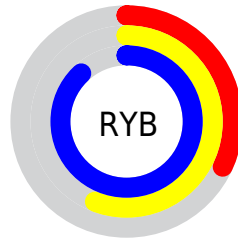
The Hex color **52BEE1** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **E17552**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **90F6FF**, and **0088AA** is the 20% darker color. If you saturate the color by 10%, you get **3CB8E1**, and if you desaturate by 10%, it is **69C4E1**.

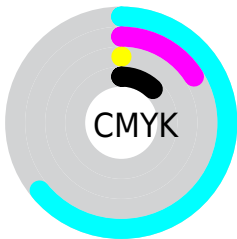
Distribution



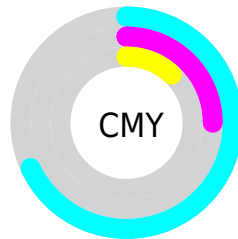
- Red (32%)
- Green (75%)
- Blue (88%)



- Red (32%)
- Yellow (56%)
- Blue (88%)



- Cyan (64%)
- Magenta (16%)
- Yellow (0%)
- Black (12%)



- Cyan (68%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52BEE1 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 52BEE1 by changing the saturation by 10% instead.

 52BEE1

 52BEE1


FFFFFF

 2DA3C5

 90F6FF

 0088AA

 AFFFFFF

 006F8F

 CDFFFF

 005675

 EBFFFF

 003F5D

 002945

 00112E

 000119

 000000

■ 52BEE1

■ 52BEE1

■ 3CB8E1

■ 69C4E1

■ 25B3E1

■ 7FC9E1

■ 0EAE1

■ 95CFE1

■ 00AAE1

■ ACD4E1

■ C3DAE1

■ D9DFE1

■ F0E5E1

■ FFEAE1

■ FFF0E1

Harmonies

Analogous

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



4AC2C8



52BEE1



7CB6ED

Triad

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



52BEE1



E89BBA



AEB678

Complementary

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



52BEE1



E17552

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.



CDAD74



52BEE1



EE9B9B

Square

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



52BEE1



D1A1D7



E4A282



8BBE8B

Rectangle

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



52BEE1



9BB0ED



E4A282



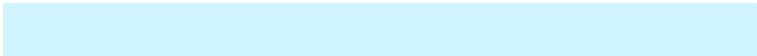
B9B375

Sweetspot

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



52BEE1



CFF3FF



52E173



627880



000000



808080

Same Dimension

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



52BEE1



3DD0FF



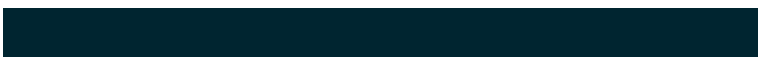
5278E1



656D70



0085B0



002530

Inverse Universe

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



E152BE



FF3DD0



E1BB52



70656D



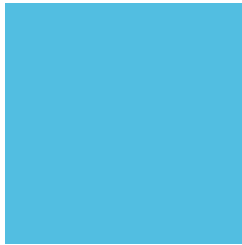
B00085



300025

Previews

White Background



This preview shows how the Hex color 52BEE1 looks on a white background.

Color Contrast Check

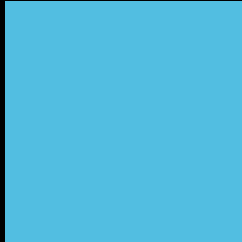
Large Text (above 18pt) WCAG AA × Fail

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 52BEE1 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 52BEE1 Background



This preview shows how black text looks on a background with the Hex color 52BEE1.

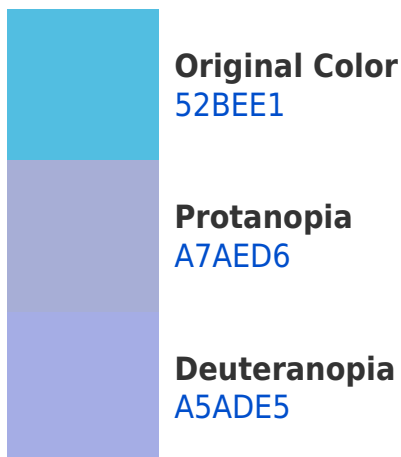


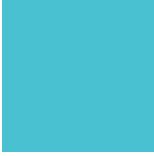
This preview shows how white text looks on a background with the Hex color 52BEE1.

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](#).

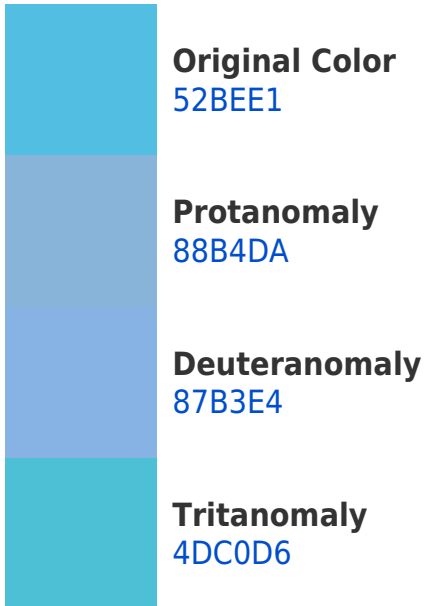
Dichromacy



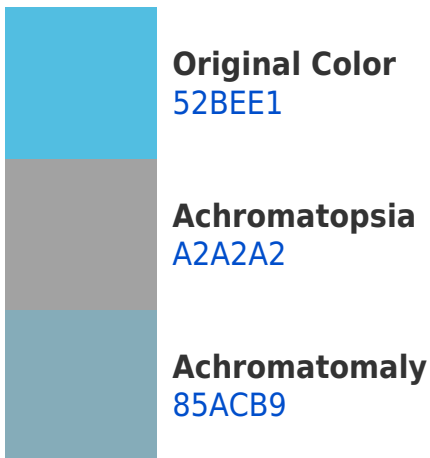


Tritanopia
4AC1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 52BEE1 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 #52BEE1 looks like.

```
.text, #text, p{  
    color:#52BEE1  
}
```

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 #52BEE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52BEE1
}
```

Border

The CSS property to change the border of an element to Hex 52BEE1 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
#52BEE1 }
```

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

```
.border{ border-color:#52BEE1 }
```

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

Here you see how a box with a 4 pixel #52BEE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52BEE1; -webkit-box-shadow:4px 4px  
4px 4px #52BEE1; box-shadow:4px 4px 4px  
4px #52BEE1 }
```

Background

The CSS property to change the background color of an element to Hex 52BEE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52BEE1 }
```

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

```
.background{ background-color:#52BEE1 }
```

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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