

# Converting Colors

Hex(52BEFD)

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

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# **Color**

**Hex(52BEFD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52BEFD
RGB	82, 190, 253
RGB Percent	32%, 75%, 99%
CMY	0.6784, 0.2549, 0.0078
CMYK	0.68, 0.25, 0.00, 0.01
HSL	202°, 98%, 66%
HSV	202°, 68%, 99%
XYZ	39.6228, 45.7126, 99.6636
YIQ	164.8900, -84.5910, -3.3030

# Conversions

## Conversions Part 2

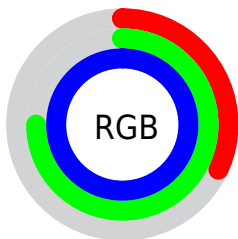
Format	Color
R <sub>Y</sub> B	82, 148, 253
Decimal	5422845
CIE Lab	73.36, -11.65, -40.12
CIE LCh	73, 41.779, 253.803
Yxy	45.7126, 0.2142, 0.2471
Android (android.graphics.Color)	4283612925 (0xFF52BEFD)
YUV	164.8900, 43.4382, -72.6945
Hunter-Lab	67.6111, -13.7114, -40.0699

# Details

The Hex color **52BEFD** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **FD9152**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **94F6FF**, and **0089C4** is the 20% darker color. If you saturate the color by 10%, you get **39B5FD**, and if you desaturate by 10%, it is **6BC7FD**.

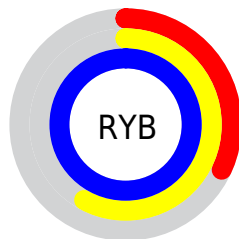
# Distribution



Red (32%)

Green (75%)

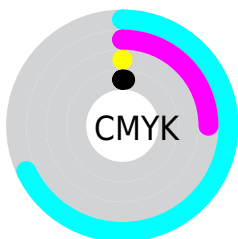
Blue (99%)



Red (32%)

Yellow (58%)

Blue (99%)

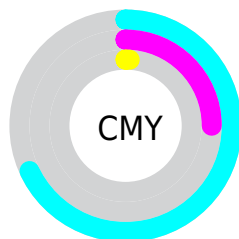


Cyan (68%)

Magenta (25%)

Yellow (0%)

Black (1%)



Cyan (68%)

Magenta (25%)

Yellow (1%)

# Brightness & Saturation Gradients

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



 52BEFD

 52BEFD

FFFFFF

 27A3E0

 94F6FF

 0089C4

 B3FFFF

 006FA9

 D1FFFF

 00578E

 F0FFFF

 004074

 002A5B

 001743

 00032C

 000117

■ 52BEFD

■ 52BEFD

■ 39B5FD

■ 6BC7FD

■ 1FABFD

■ 85D1FD

■ 06A2FD

■ 9EDAFD

■ 00A0FD

■ B7E3FD

■ D1EDFD

■ EAF6FD

FFFFFD

# Harmonies

## Analogous

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



00C6E8



52BEFD



99B2FE

# Triad

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



52BEFD



FF96A4



91C17B

# Complementary

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



52BEFD



FD9152

# 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.



BBB868



52BEFD



F79E81

# Square

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



52BEFD



F299CB



DFAB6B



5FC79E

# Rectangle

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



52BEFD



BFA8F4



DFAB6B



A0BE73

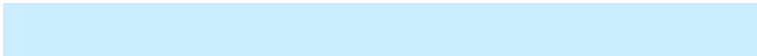


# Sweetspot

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



52BEFD



CCECFE



52FD91



617480



000000



808080



# Same Dimension

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



52BEFD



30B3FF



5269FD



737B80



0079BF



002840



# Inverse Universe

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



FD52BE



FF30B3



FDE652



80737B



BF0079

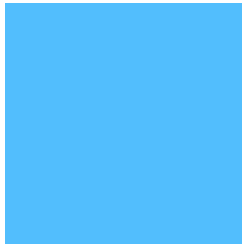


400028



# Previews

## White Background



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

## Color Contrast Check

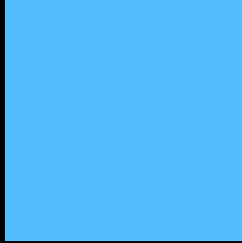
Large Text (above 18pt) WCAG AA × Fail

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 52BEFD 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

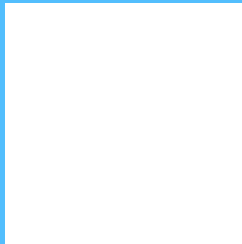
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 52BEFD Background



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

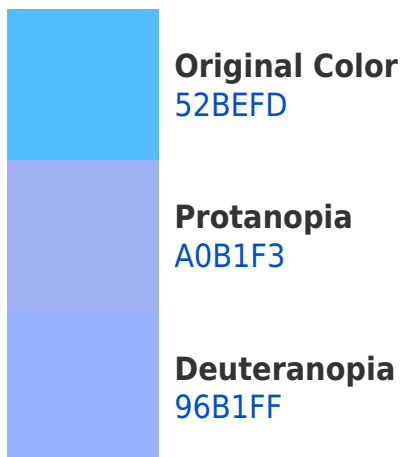


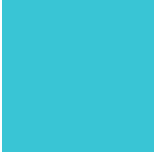
This preview shows how white text looks on a background with the Hex color 52BEFD.

# 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



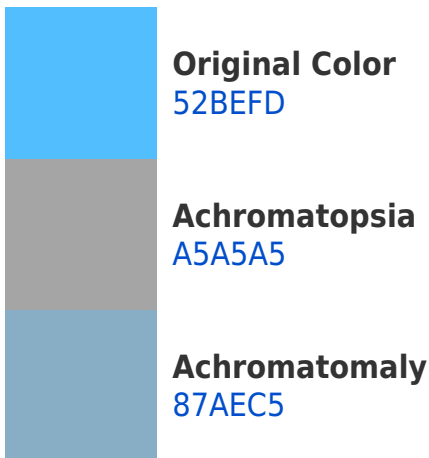


**Tritanopia**  
39C5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #52BEFD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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