

Converting Colors

Hex(53BEF1)

Have a look what the booklet for
Hex(53BEF1) contains.

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Color

Hex(53BEF1)

Conversions

Conversions Part 1

Format	Color
Hex	53BEF1
RGB	83, 190, 241
RGB Percent	33%, 75%, 95%
CMY	0.6745, 0.2549, 0.0549
CMYK	0.66, 0.21, 0.00, 0.05
HSL	199°, 85%, 64%
HSV	199°, 66%, 95%
XYZ	37.8579, 45.0168, 89.9129
YIQ	163.8210, -80.1430, -6.8230

Conversions

Conversions Part 2

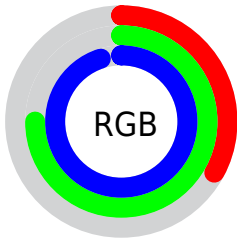
Format	Color
R _Y B	83, 147, 241
Decimal	5488369
CIE Lab	72.90, -15.32, -34.36
CIE LCh	73, 37.616, 245.967
Yxy	45.0168, 0.2191, 0.2605
Android (android.graphics.Color)	4283678449 (0xFF53BEF1)
YUV	163.8210, 38.0492, -70.8800
Hunter-Lab	67.0945, -16.6973, -32.4879

Details

The Hex color **53BEF1** 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 **F18653**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **93F6FF**, and **0089B9** is the 20% darker color. If you saturate the color by 10%, you get **3BB6F1**, and if you desaturate by 10%, it is **6BC6F1**.

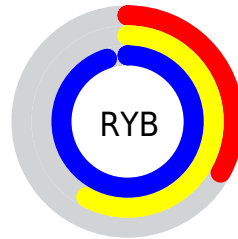
Distribution



Red (33%)

Green (75%)

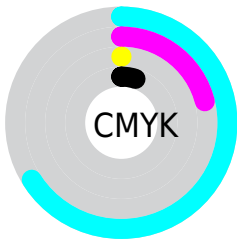
Blue (95%)



Red (33%)

Yellow (58%)

Blue (95%)

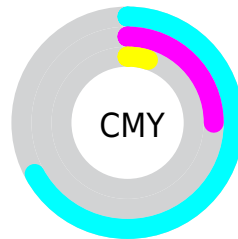


Cyan (66%)

Magenta (21%)

Yellow (0%)

Black (5%)



Cyan (67%)

Magenta (25%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53BEF1 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 53BEF1 by changing the saturation by 10% instead.

 53BEF1

 53BEF1


FFFFFF

 2BA3D5

 93F6FF

 0089B9

 B1FFFF

 006F9E

 D0FFFF


 005783

 EFFFFFF

 00406A

 002A51

 00153A

 000224

 00000C

■ 53BEF1

■ 53BEF1

■ 3BB6F1

■ 6BC6F1

■ 23AEF1

■ 83CEF1

■ 0BA7F1

■ 9BD5F1

■ 00A3F1

■ B3DDF1

■ CBE5F1

■ E4EDF1

■ FCF4F1

■ FFFCF1

■ FFFFF1

Harmonies

Analogous

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



2AC4DA



53BEF1



8DB4F7

Triad

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



53BEF1



F598AD



9EBD7A

Complementary

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



53BEF1



F18653

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.



C3B36E



53BEF1



F39D8C

Square

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



53BEF1



E49DD0



E1A775



74C396

Rectangle

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



53BEF1



B0ACF1



E1A775



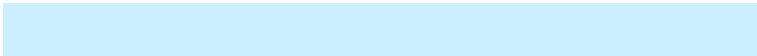
ABBA74

Sweetspot

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



53BEF1



CCEFFF



53F185



617680



000000



808080

Same Dimension

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



53BEF1



36BEFF



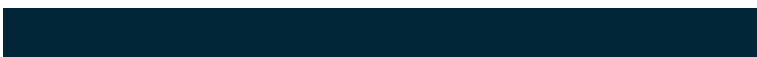
5370F1



6C7478



007CB8



002638

Inverse Universe

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



F153BE



FF36BE



F1D453



786C74



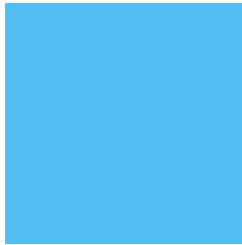
B8007C



380026

Previews

White Background



This preview shows how the Hex color 53BEF1 looks on a white background.

Color Contrast Check

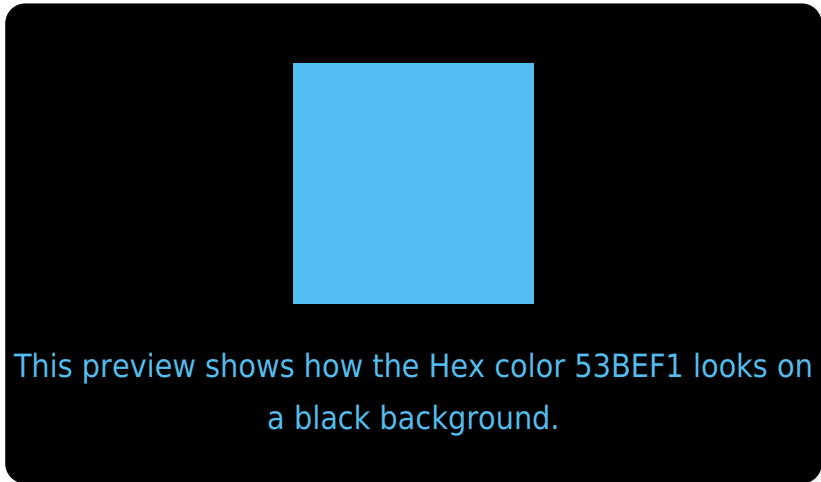
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

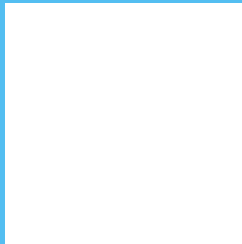
Any Text WCAG AAA ✓ Pass

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

Hex 53BEF1 Background



This preview shows how black text looks on a background with the Hex color 53BEF1.

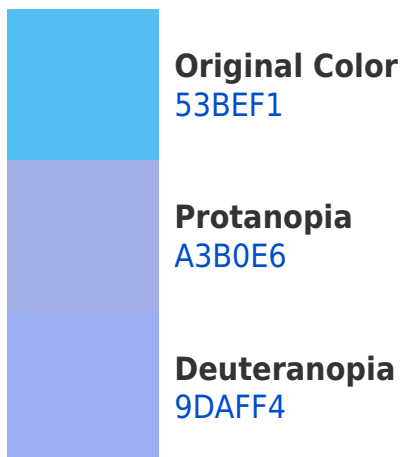


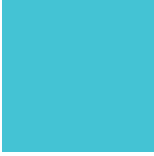
This preview shows how white text looks on a background with the Hex color 53BEF1.

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](#).

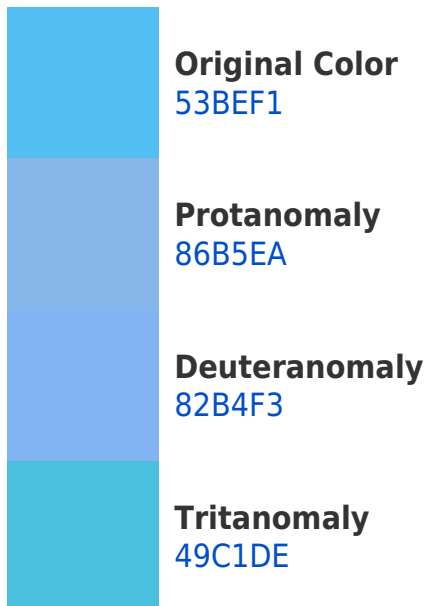
Dichromacy



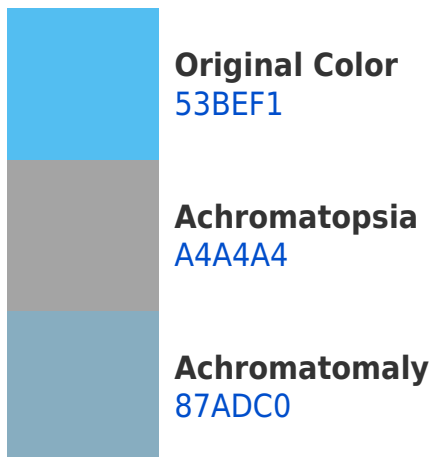


Tritanopia
43C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53BEF1 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 #53BEF1 looks like.

```
.text, #text, p{  
    color:#53BEF1  
}
```

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 #53BEF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53BEF1  
}
```

Border

The CSS property to change the border of an element to Hex 53BEF1 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  
#53BEF1 }
```

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

```
.border{ border-color:#53BEF1 }
```

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

Here you see how a box with a 4 pixel #53BEF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53BEF1; -webkit-box-shadow:4px 4px  
4px 4px #53BEF1; box-shadow:4px 4px 4px  
4px #53BEF1 }
```

Background

The CSS property to change the background color of an element to Hex 53BEF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53BEF1 }
```

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

```
.background{ background-color:#53BEF1 }
```

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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