

Converting Colors

Hex(53CAE8)

Have a look what the booklet for
Hex(53CAE8) contains.

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Color

Hex(53CAE8)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 53CAE8 |
| RGB | 83, 202, 232 |
| RGB Percent | 33%, 79%, 91% |
| CMY | 0.6745, 0.2078, 0.0902 |
| CMYK | 0.64, 0.13, 0.00, 0.09 |
| HSL | 192°, 76%, 62% |
| HSV | 192°, 64%, 91% |
| XYZ | 39.2533, 49.9063, 83.9079 |
| YIQ | 169.8390, -80.5540, -15.8980 |

Conversions

Conversions Part 2

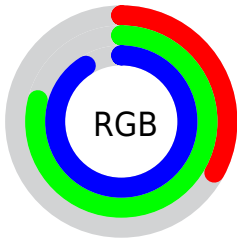
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 83, 149, 232 |
| Decimal | 5491432 |
| CIE Lab | 76.01, -24.25, -24.72 |
| CIE LCh | 76, 34.633, 225.547 |
| Yxy | 49.9063, 0.2268, 0.2884 |
| Android (android.graphics.Color) | 4283681512 (0xFF53CAE8) |
| YUV | 169.8390, 30.6454, -76.1578 |
| Hunter-Lab | 70.6444, -24.4447, -20.9707 |

Details

The Hex color **53CAE8** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **E87153**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **93FFFF**, and **0094B0** is the 20% darker color. If you saturate the color by 10%, you get **3CC5E8**, and if you desaturate by 10%, it is **6ACFE8**.

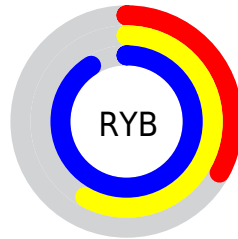
Distribution



Red (33%)

Green (79%)

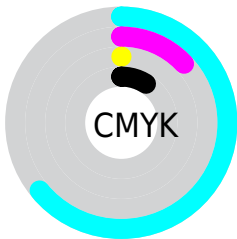
Blue (91%)



Red (33%)

Yellow (58%)

Blue (91%)

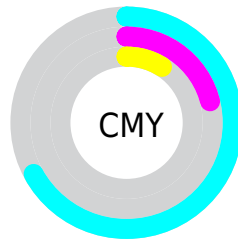


Cyan (64%)

Magenta (13%)

Yellow (0%)

Black (9%)



Cyan (67%)

Magenta (21%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53CAE8 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 53CAE8 by changing the saturation by 10% instead.

■ 53CAE8

■ 53CAE8

FFFFFF

■ 2CAECC

■ 93FFFF

■ 0094B0

■ B1FFFF

■ 007A96

■ D0FFFF

■ 00617C

■ EEEFFF

■ 004963

■ 00324B

■ 001F34

■ 00021F

■ 000001

 53CAE8

 53CAE8

 3CC5E8

 6ACFE8

 25C1E8

 81D3E8

 0DBCE8

 99D8E8

 00B9E8

 B0DDE8

 C7E1E8

 DEE6E8

 F5EBE8

 FFEFE8

 FFF4E8

Harmonies

Analogous

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



56CDCB



53CAE8



79C3F9

Triad

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



53CAE8



F1A5CC



C1BF7D

Complementary

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



53CAE8



E87153

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.



DFB47E



53CAE8



FBA4AC

Square

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



53CAE8



D4ADE8



F4AA8F



9DC78E

Rectangle

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



53CAE8



99BCFB



F4AA8F



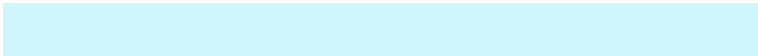
CCBB7B

Sweetspot

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



53CAE8



CFF5FF



53E871



627A80



000000



808080

Same Dimension

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



53CAE8



3BD7FF



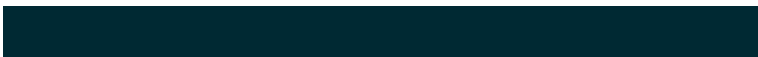
5380E8



677073



008FB3



002933

Inverse Universe

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



E853CA



FF3BD7



E8BB53



736770



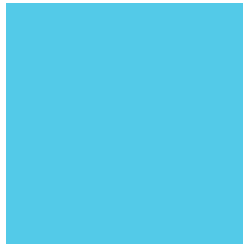
B3008F



330029

Previews

White Background



This preview shows how the Hex color 53CAE8 looks on a white background.

Color Contrast Check

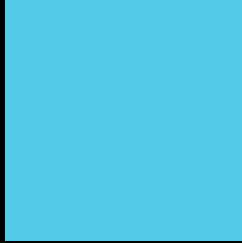
Large Text (above 18pt) WCAG AA × Fail

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 53CAE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

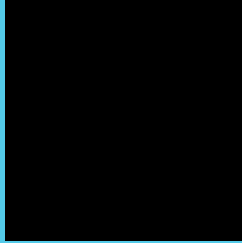
Any Text WCAG AA ✓ Pass

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 53CAE8 Background



This preview shows how black text looks on a background with the Hex color 53CAE8.

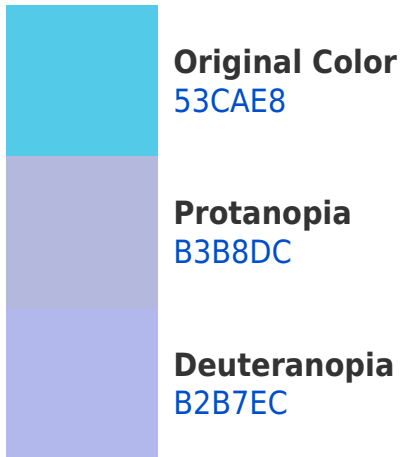


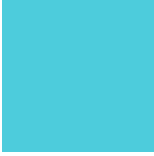
This preview shows how white text looks on a background with the Hex color 53CAE8.

Color Blindness Simulation

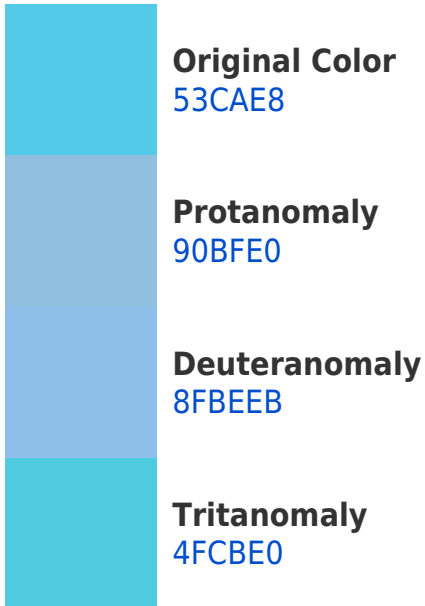
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

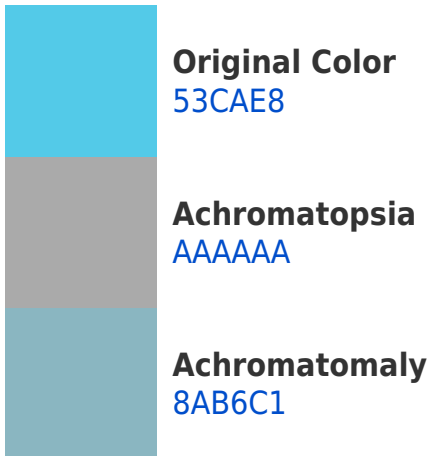




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53CAE8 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 #53CAE8 looks like.

```
.text, #text, p{  
    color:#53CAE8  
}
```

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 #53CAE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53CAE8
}
```

Border

The CSS property to change the border of an element to Hex 53CAE8 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
#53CAE8 }
```

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

```
.border{ border-color:#53CAE8 }
```

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

Here you see how a box with a 4 pixel #53CAE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53CAE8; -webkit-box-shadow:4px 4px  
4px 4px #53CAE8; box-shadow:4px 4px 4px  
4px #53CAE8 }
```

Background

The CSS property to change the background color of an element to Hex 53CAE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53CAE8 }
```

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

```
.background{ background-color:#53CAE8 }
```

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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