

# Converting Colors

Hex(54B4E8)

Have a look what the booklet for  
Hex(54B4E8) contains.

<b>Hex(54B4E8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(54B4E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54B4E8
RGB	84, 180, 232
RGB Percent	33%, 71%, 91%
CMY	0.6706, 0.2941, 0.0902
CMYK	0.64, 0.22, 0.00, 0.09
HSL	201°, 76%, 62%
HSV	201°, 64%, 91%
XYZ	34.5429, 40.3535, 82.3123
YIQ	157.2240, -73.9080, -4.1800

# Conversions

## Conversions Part 2

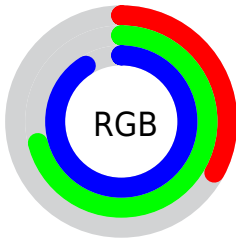
Format	Color
R <sub>Y</sub> B	84, 142, 232
Decimal	5551336
CIE Lab	69.72, -12.67, -34.40
CIE LCh	70, 36.658, 249.780
Yxy	40.3535, 0.2197, 0.2567
Android (android.graphics.Color)	4283741416 (0xFF54B4E8)
YUV	157.2240, 36.8646, -64.2174
Hunter-Lab	63.5244, -14.1042, -32.3584

# Details

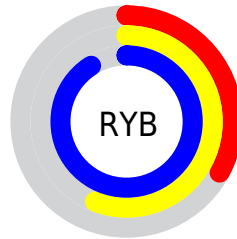
The Hex color **54B4E8** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **E88854**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **92ECFF**, and **007FB0** is the 20% darker color. If you saturate the color by 10%, you get **3DACE8**, and if you desaturate by 10%, it is **6BBCE8**.

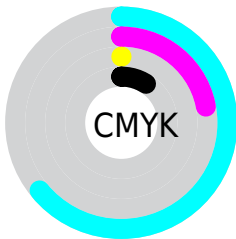
# Distribution



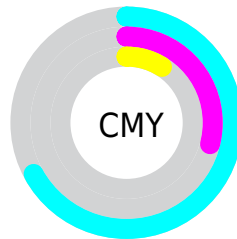
- Red (33%)
- Green (71%)
- Blue (91%)



- Red (33%)
- Yellow (56%)
- Blue (91%)



- Cyan (64%)
- Magenta (22%)
- Yellow (0%)
- Black (9%)



- Cyan (67%)
- Magenta (29%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54B4E8 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 54B4E8 by changing the saturation by 10% instead.



■ 54B4E8

■ 54B4E8

FFFFFF

■ 2F99CC

■ 92ECFF

■ 007FB0

■ B0FFFF

■ 006695

■ CEFFFF

■ 004E7B

■ EDFFFF

■ 003862

■ 00224A

■ 000433

■ 00021D

■ 000000

■ 54B4E8

■ 54B4E8

■ 3DACE8

■ 6BBCE8

■ 26A4E8

■ 82C4E8

■ 0E9CE8

■ 9ACCE8

■ 0096E8

■ B1D5E8

■ C8DDE8

■ DFE5E8

■ F6EDE8

■ FFF5E8

■ FFFDE8

# Harmonies

## Analogous

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



25BAD4



54B4E8



8DAAEC

# Triad

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



54B4E8



EB91A1



91B576

# Complementary

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



54B4E8



E88854

# 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.



B6AC68



54B4E8



E79681

# Square

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



54B4E8



DD94C2



D4A16C



68BA92

# Rectangle

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



54B4E8



AEA2E4



D4A16C



9EB26F

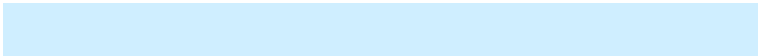


# Sweetspot

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



54B4E8



CFE EFF



54E888



627580



000000



808080



# Same Dimension

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



54B4E8



3BBAFF



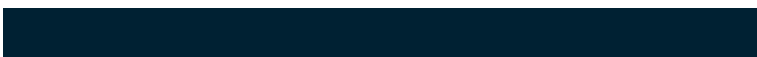
546AE8



676F73



0074B3



002133



# Inverse Universe

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



E854B4



FF3BBA



E8D254



73676F



B30074

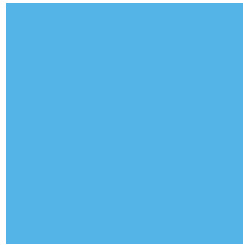


330021



# Previews

## White Background



This preview shows how the Hex color 54B4E8 looks on a white background.

## Color Contrast Check

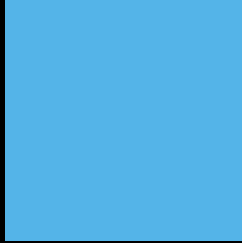
Large Text (above 18pt) WCAG AA × Fail

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 54B4E8 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

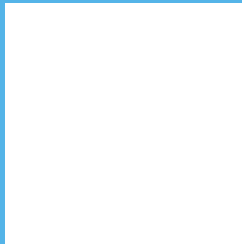
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 54B4E8 Background



This preview shows how black text looks on a background with the Hex color 54B4E8.

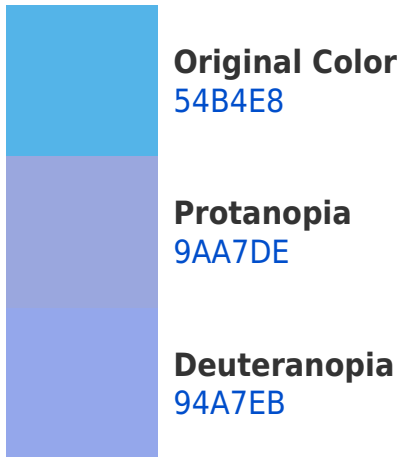


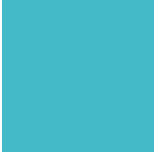
This preview shows how white text looks on a background with the Hex color 54B4E8.

# 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](#).

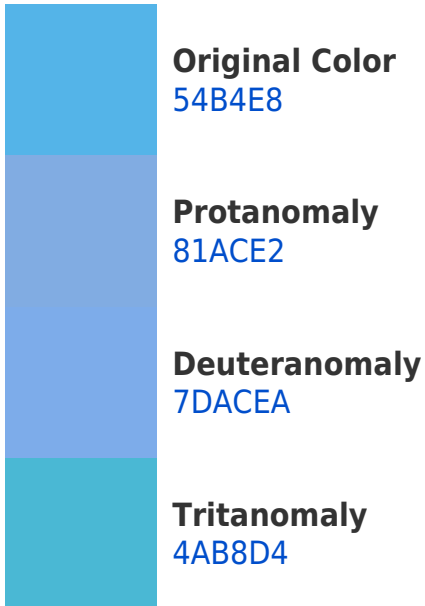
## Dichromacy



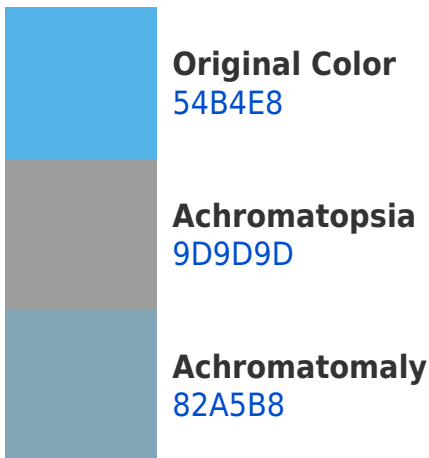


**Tritanopia**  
44BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54B4E8 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 #54B4E8 looks like.

```
.text, #text, p{  
    color:#54B4E8  
}
```

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 #54B4E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54B4E8
}
```

## Border

The CSS property to change the border of an element to Hex 54B4E8 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
#54B4E8 }
```

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

```
.border{ border-color:#54B4E8 }
```

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

Here you see how a box with a 4 pixel #54B4E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54B4E8; -webkit-box-shadow:4px 4px  
4px 4px #54B4E8; box-shadow:4px 4px 4px  
4px #54B4E8 }
```

# Background

The CSS property to change the background color of an element to Hex 54B4E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54B4E8 }
```

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

```
.background{ background-color:#54B4E8 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor