

Converting Colors

Hex(54AEC7)

Have a look what the booklet for
Hex(54AEC7) contains.

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Color

Hex(54AEC7)

Conversions

Conversions Part 1

Format	Color
Hex	54AEC7
RGB	84, 174, 199
RGB Percent	33%, 68%, 78%
CMY	0.6706, 0.3176, 0.2196
CMYK	0.58, 0.13, 0.00, 0.22
HSL	193°, 51%, 55%
HSV	193°, 58%, 78%
XYZ	29.1010, 36.2804, 59.5019
YIQ	149.9400, -61.6650, -11.3050

Conversions

Conversions Part 2

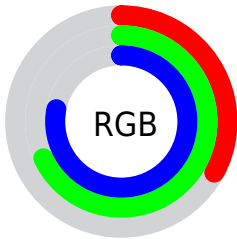
Format	Color
R _Y B	84, 134, 199
Decimal	5549767
CIE Lab	66.73, -19.61, -20.87
CIE LCh	67, 28.639, 226.777
Yxy	36.2804, 0.2330, 0.2905
Android (android.graphics.Color)	4283739847 (0xFF54AEC7)
YUV	149.9400, 24.1866, -57.8294
Hunter-Lab	60.2332, -19.1679, -16.4068

Details

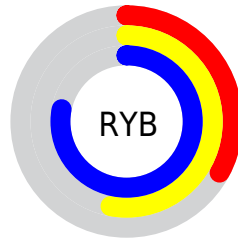
The Hex color **54AEC7** is a light color, and the websafe version is hex **0099CC**. The color can be described as light muted azure. A complement of this color would be **C76D54**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **8FE6FF**, and **007991** is the 20% darker color. If you saturate the color by 10%, you get **40AAC7**, and if you desaturate by 10%, it is **68B2C7**.

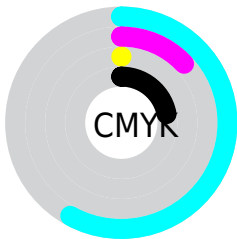
Distribution



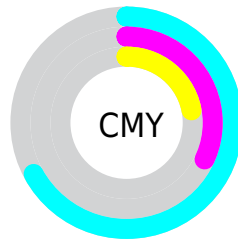
- Red (33%)
- Green (68%)
- Blue (78%)



- Red (33%)
- Yellow (53%)
- Blue (78%)



- Cyan (58%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)



- Cyan (67%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54AEC7 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 54AEC7 by changing the saturation by 10% instead.

■ 54AEC7

■ 54AEC7

FFFFFF

■ 3493AC

■ 8FE6FF

■ 007991

■ ACFFFF

■ 006077

■ C9FFFF

■ 00495F

■ E7FFFF

■ 003247

■ 001E30

■ 00011C

■ 000000

■ 54AEC7

■ 54AEC7

■ 40AAC7

■ 68B2C7

■ 2CA5C7

■ 7CB7C7

■ 18A1C7

■ 90BBC7

■ 049DC7

■ A4BFC7

■ 009CC7

■ B8C4C7

■ CBC8C7

■ DFCCC7

■ F3D1C7

■ FFD5C7

Harmonies

Analogous

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



54B1B0



54AEC7



70A8D4

Triad

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



54AEC7



CE90AF



A6A571

Complementary

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



54AEC7



C76D54

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.



BF9D71



54AEC7



D69095

Square

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



54AEC7



B897C6



D0957E



89AC7E

Rectangle

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



54AEC7



89A3D5



D0957E



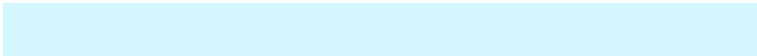
AFA36F

Sweetspot

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



54AEC7



D4F6FF



54C76D



667A80



000000



808080

Same Dimension

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



54AEC7



4FD9FF



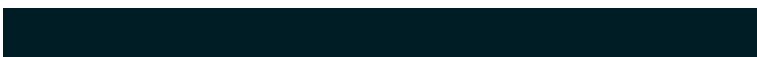
5475C7



5A6163



0080A3



001C24

Inverse Universe

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



C754AE



FF4FD9



C7A654



635A61



A30080



24001C

Previews

White Background



This preview shows how the Hex color 54AEC7 looks on a white background.

Color Contrast Check

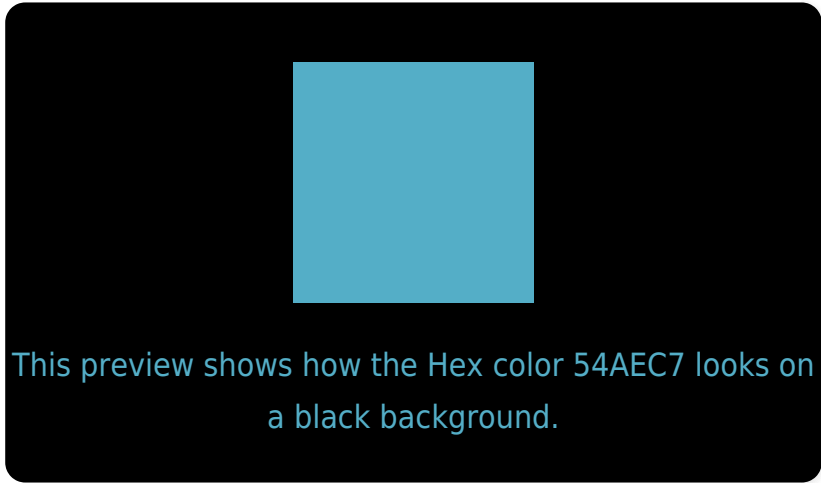
Large Text (above 18pt) WCAG AA × Fail

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

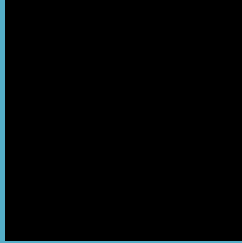
Any Text WCAG AA ✓ Pass

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 54AEC7 Background



This preview shows how black text looks on a background with the Hex color 54AEC7.



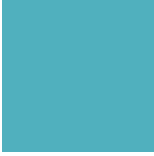
This preview shows how white text looks on a background with the Hex color 54AEC7.

Color Blindness Simulation

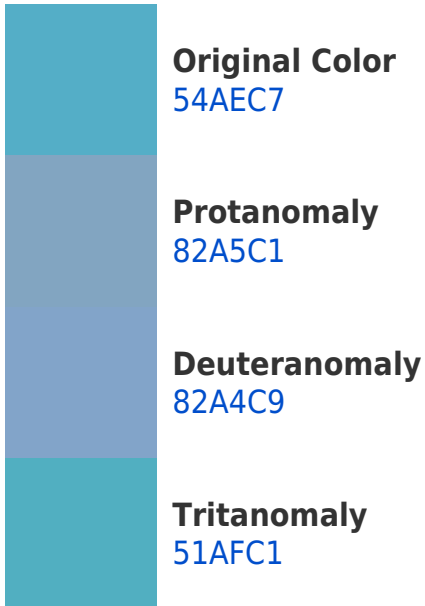
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

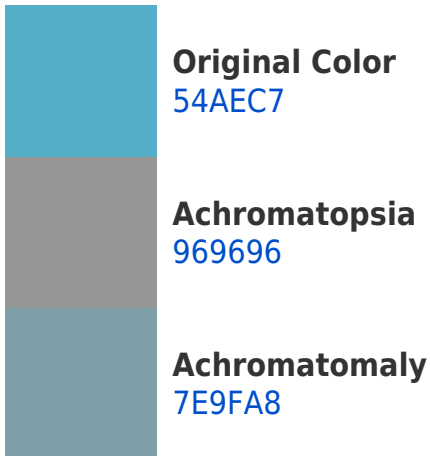




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 54AEC7 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 #54AEC7 looks like.

```
.text, #text, p{  
    color:#54AEC7  
}
```

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 #54AEC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54AEC7
}
```

Border

The CSS property to change the border of an element to Hex 54AEC7 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
#54AEC7 }
```

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

```
.border{ border-color:#54AEC7 }
```

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

Here you see how a box with a 4 pixel #54AEC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54AEC7; -webkit-box-shadow:4px 4px  
4px 4px #54AEC7; box-shadow:4px 4px 4px  
4px #54AEC7 }
```

Background

The CSS property to change the background color of an element to Hex 54AEC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54AEC7 }
```

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

```
.background{ background-color:#54AEC7 }
```

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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