

Converting Colors

Hex(54AEC4)

Have a look what the booklet for
Hex(54AEC4) contains.

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Color

Hex(54AEC4)

Conversions

Conversions Part 1

Format	Color
Hex	54AEC4
RGB	84, 174, 196
RGB Percent	33%, 68%, 77%
CMY	0.6706, 0.3176, 0.2314
CMYK	0.57, 0.11, 0.00, 0.23
HSL	192°, 49%, 55%
HSV	192°, 57%, 77%
XYZ	28.7560, 36.1424, 57.6851
YIQ	149.5980, -60.7020, -12.2380

Conversions

Conversions Part 2

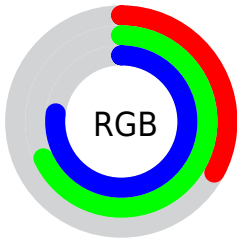
Format	Color
RYB	84, 134, 196
Decimal	5549764
CIELab	66.63, -20.50, -19.37
CIELCh	67, 28.201, 223.379
Yxy	36.1424, 0.2346, 0.2948
Android (android.graphics.Color)	4283739844 (0xFF54AEC4)
YUV	149.5980, 22.8762, -57.5294
Hunter-Lab	60.1186, -19.8271, -14.8071

Details

The Hex color **54AEC4** is a light color, and the websafe version is hex **669999**. The color can be described as light muted azure. A complement of this color would be **C46A54**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **8EE6FD**, and **01798E** is the 20% darker color. If you saturate the color by 10%, you get **40AAC4**, and if you desaturate by 10%, it is **68B2C4**.

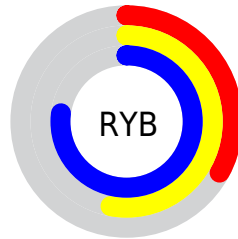
Distribution



Red (33%)

Green (68%)

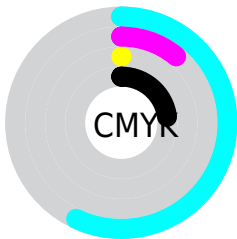
Blue (77%)



Red (33%)

Yellow (53%)

Blue (77%)

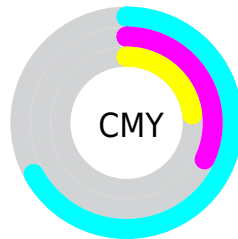


Cyan (57%)

Magenta (11%)

Yellow (0%)

Black (23%)



Cyan (67%)

Magenta (32%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54AEC4 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 54AEC4 by changing the saturation by 10% instead.

■ 54AEC4

■ 54AEC4

FFFFFF

■ 3493A9

■ 8EE6FD

■ 01798E

■ ABFFFF

■ 006075

■ C9FFFF

■ 00485C

■ E6FFFF

■ 003244

■ 001E2E

■ 000119

■ 000000

■ 54AEC4

■ 54AEC4

■ 40AAC4

■ 68B2C4

■ 2DA6C4

■ 7BB6C4

■ 19A2C4

■ 8FBAC4

■ 069FC4

■ A2BDC4

■ 009DC4

■ B6C1C4

■ CAC5C4

■ DDC9C4

■ F1CDC4

■ FFD1C4

Harmonies

Analogous

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



57B0AD



54AEC4



6DA9D2

Triad

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



54AEC4



CB91B1



A9A470

Complementary

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



54AEC4



C46A54

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.



C19C72



54AEC4



D58F97

Square

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



54AEC4



B498C7



D19480



8CAB7D

Rectangle

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



54AEC4



85A3D4



D19480



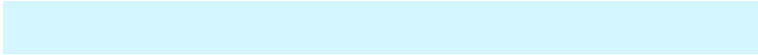
B1A16F

Sweetspot

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



54AEC4



D4F6FF



54C469



667A80



000000



808080

Same Dimension

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



54AEC4



4FDCFF



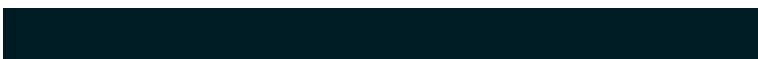
5477C4



575F61



0081A1



001B21

Inverse Universe

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



C454AE



FF4FDC



C4A154



61575F



A10081



21001B

Previews

White Background



This preview shows how the Hex color 54AEC4 looks on a white background.

Color Contrast Check

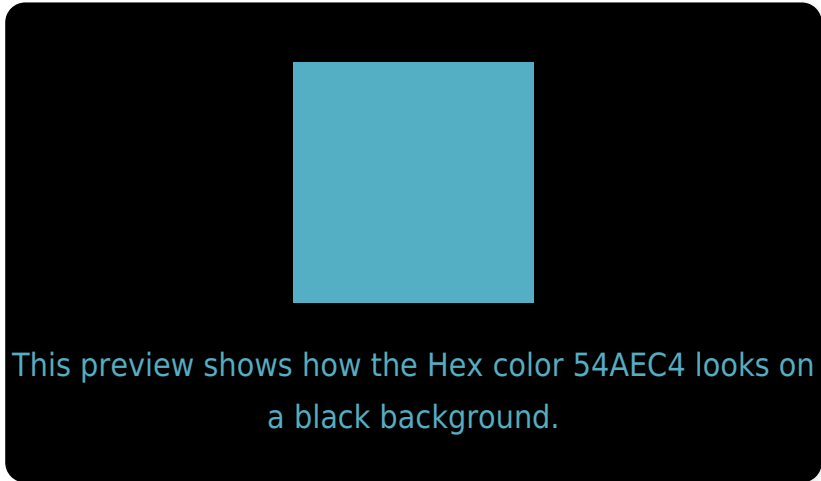
Large Text (above 18pt) WCAG AA × Fail

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 54AEC4 Background



This preview shows how black text looks on a background with the Hex color 54AEC4.



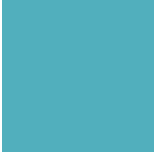
This preview shows how white text looks on a background with the Hex color 54AEC4.

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](#).

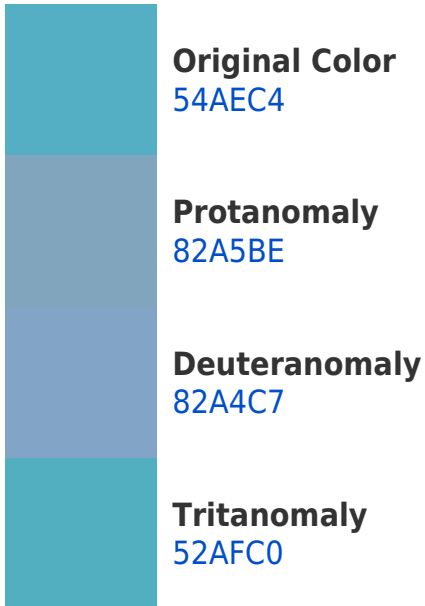
Dichromacy



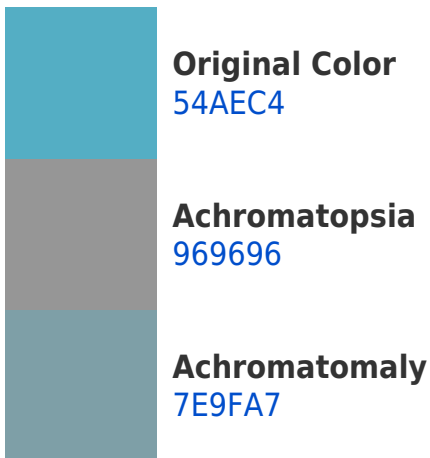


Tritanopia
51AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 54AEC4 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 #54AEC4 looks like.

```
.text, #text, p{  
    color:#54AEC4  
}
```

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 #54AEC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54AEC4
}
```

Border

The CSS property to change the border of an element to Hex 54AEC4 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
#54AEC4 }
```

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

```
.border{ border-color:#54AEC4 }
```

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

Here you see how a box with a 4 pixel #54AEC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54AEC4; -webkit-box-shadow:4px 4px  
4px 4px #54AEC4; box-shadow:4px 4px 4px  
4px #54AEC4 }
```

Background

The CSS property to change the background color of an element to Hex 54AEC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54AEC4 }
```

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

```
.background{ background-color:#54AEC4 }
```

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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