

Converting Colors

Hex(55A8EA)

Have a look what the booklet for
Hex(55A8EA) contains.

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Color

Hex(55A8EA)

Conversions

Conversions Part 1

Format	Color
Hex	55A8EA
RGB	85, 168, 234
RGB Percent	33%, 66%, 92%
CMY	0.6667, 0.3412, 0.0824
CMYK	0.64, 0.28, 0.00, 0.08
HSL	207°, 78%, 63%
HSV	207°, 64%, 92%
XYZ	32.6002, 35.8771, 83.0487
YIQ	150.7070, -70.6540, 2.9300

Conversions

Conversions Part 2

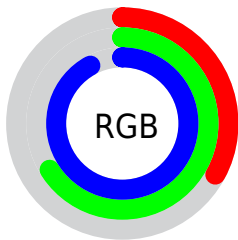
Format	Color
R _Y B	85, 138, 234
Decimal	5613802
CIE Lab	66.43, -5.29, -40.62
CIE LCh	66, 40.964, 262.584
Yxy	35.8771, 0.2151, 0.2368
Android (android.graphics.Color)	4283803882 (0xFF55A8EA)
YUV	150.7070, 41.0634, -57.6250
Hunter-Lab	59.8975, -7.6689, -40.2782

Details

The Hex color **55A8EA** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **EA9755**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **93DFFF**, and **0074B2** is the 20% darker color. If you saturate the color by 10%, you get **3E9EEA**, and if you desaturate by 10%, it is **6CB2EA**.

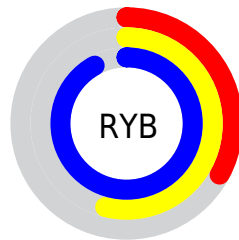
Distribution



Red (33%)

Green (66%)

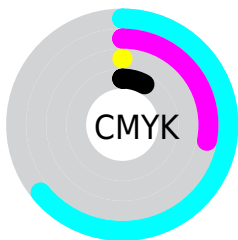
Blue (92%)



Red (33%)

Yellow (54%)

Blue (92%)

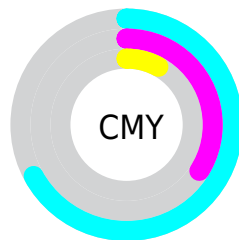


Cyan (64%)

Magenta (28%)

Yellow (0%)

Black (8%)



Cyan (67%)

Magenta (34%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55A8EA 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 55A8EA by changing the saturation by 10% instead.

■ 55A8EA

■ 55A8EA

FFFFFF

■ 318ECE

■ 93DFFF

■ 0074B2

■ B1FCFF

■ 005C97

■ CFFFFFF

■ 00457D

■ EDFFFF

■ 002F63

■ 001B4B

■ 000434

■ 00021E

■ 000000

■ 55A8EA

■ 55A8EA

■ 3E9EEA

■ 6CB2EA

■ 2693EA

■ 84BDEA

■ 0F89EA

■ 9BC7EA

■ 0082EA

■ B3D1EA

■ CADCEA

■ E1E6EA

■ F9F1EA

■ FFFBEA

■ FFFFEA

Harmonies

Analogous

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



00B1DB



55A8EA



979BE5

Triad

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



55A8EA



E88687



72B073

Complementary

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



55A8EA



EA9755

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.



9DA85C



55A8EA



DC8F68

Square

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



55A8EA



E285AC



C19C58



3AB497

Rectangle

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



55A8EA



B992D8



C19C58



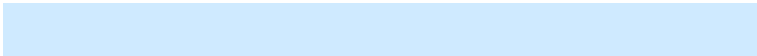
81AE6A

Sweetspot

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



55A8EA



CFEAFF



55EA96



627380



000000



808080

Same Dimension

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



55A8EA



3DA9FF



555FEA



6A7075



0065B5



001E36

Inverse Universe

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



EA55A8



FF3DA9



EAE055



756A70



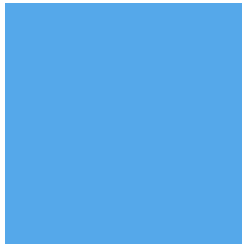
B50065



36001E

Previews

White Background



This preview shows how the Hex color 55A8EA looks on a white background.

Color Contrast Check

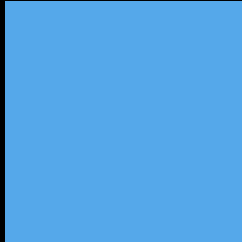
Large Text (above 18pt) WCAG AA × Fail

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 55A8EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

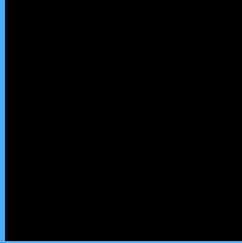
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

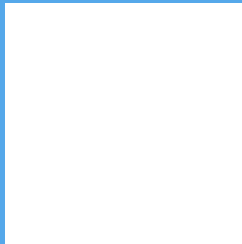
Any Text WCAG AAA ✓ Pass

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

Hex 55A8EA Background



This preview shows how black text looks on a background with the Hex color 55A8EA.

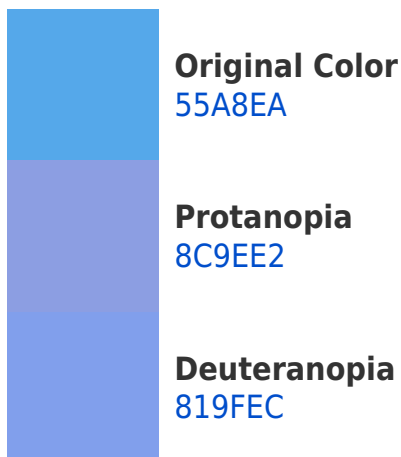


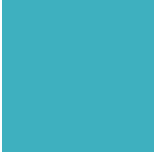
This preview shows how white text looks on a background with the Hex color 55A8EA.

Color Blindness Simulation

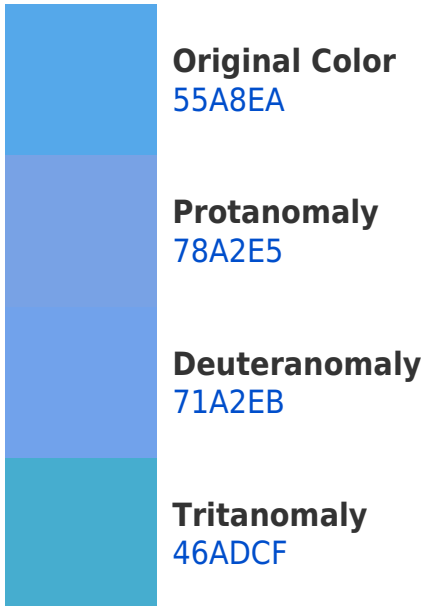
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

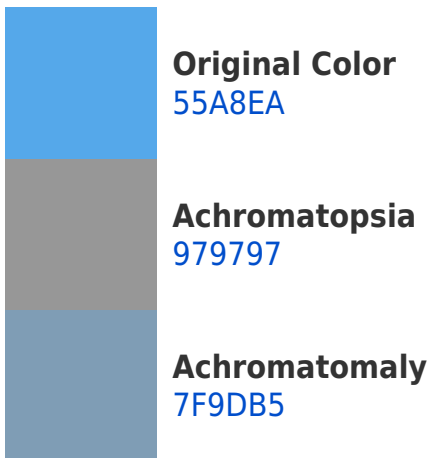




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55A8EA 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 #55A8EA looks like.

```
.text, #text, p{  
    color:#55A8EA  
}
```

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 #55A8EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55A8EA
}
```

Border

The CSS property to change the border of an element to Hex 55A8EA 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
#55A8EA }
```

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

```
.border{ border-color:#55A8EA }
```

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

Here you see how a box with a 4 pixel #55A8EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55A8EA; -webkit-box-shadow:4px 4px  
4px 4px #55A8EA; box-shadow:4px 4px 4px  
4px #55A8EA }
```

Background

The CSS property to change the background color of an element to Hex 55A8EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55A8EA }
```

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

```
.background{ background-color:#55A8EA }
```

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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