

Converting Colors

Hex(5EA8E6)

Have a look what the booklet for
Hex(5EA8E6) contains.

Hex(5EA8E6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5EA8E6)

Conversions

Conversions Part 1

Format	Color
Hex	5EA8E6
RGB	94, 168, 230
RGB Percent	37%, 66%, 90%
CMY	0.6314, 0.3412, 0.0980
CMYK	0.59, 0.27, 0.00, 0.10
HSL	207°, 73%, 64%
HSV	207°, 59%, 90%
XYZ	32.9017, 36.0981, 80.0964
YIQ	152.9420, -64.0060, 3.5940

Conversions

Conversions Part 2

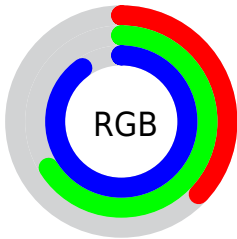
Format	Color
R _Y B	94, 142, 230
Decimal	6203622
CIE Lab	66.59, -4.94, -38.14
CIE LCh	67, 38.457, 262.620
Yxy	36.0981, 0.2207, 0.2421
Android (android.graphics.Color)	4284393702 (0xFF5EA8E6)
YUV	152.9420, 37.9896, -51.6921
Hunter-Lab	60.0817, -7.3937, -36.9838

Details

The Hex color **5EA8E6** 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 **E69C5E**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **9ADFFF**, and **0F74AE** is the 20% darker color. If you saturate the color by 10%, you get **479EE6**, and if you desaturate by 10%, it is **75B2E6**.

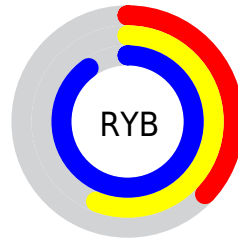
Distribution



Red (37%)

Green (66%)

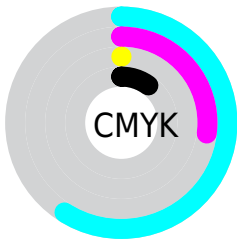
Blue (90%)



Red (37%)

Yellow (56%)

Blue (90%)

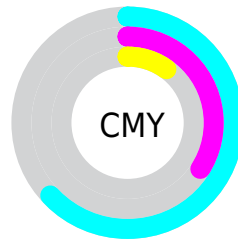


Cyan (59%)

Magenta (27%)

Yellow (0%)

Black (10%)



Cyan (63%)

Magenta (34%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EA8E6 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 5EA8E6 by changing the saturation by 10% instead.

■ 5EA8E6

■ 5EA8E6

FFFFFF

■ 3E8ECA

■ 9ADFFF

■ 0F74AE

■ B7FCFF

■ 005C93

■ D5FFFF

■ 004579

■ F3FFFF

■ 002F60

■ 001B48

■ 000431

■ 00011B

■ 000000

■ 5EA8E6

■ 5EA8E6

■ 479EE6

■ 75B2E6

■ 3093E6

■ 8CBDE6

■ 1989E6

■ A3C7E6

■ 027EE6

■ BAD2E6

■ 007DE6

■ D1DCE6

■ E8E7E6

■ FFF1E6

■ FFFCE6

■ FFFF66

Harmonies

Analogous

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



04B0D8



5EA8E6



999CE2

Triad

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



5EA8E6



E58889



76B077

Complementary

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



5EA8E6



E69C5E

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.



9EA861



5EA8E6



D9916C

Square

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



5EA8E6



DF87AC



C09D5D



45B498

Rectangle

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



5EA8E6



B894D5



C09D5D



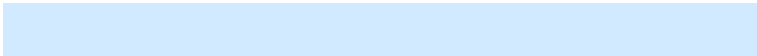
84AE6E

Sweetspot

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



5EA8E6



D1EAFF



5EE69B



637380



000000



808080

Same Dimension

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



5EA8E6



4AACFF



5E65E6



676E73



0061B3



001C33

Inverse Universe

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



E65EA8



FF4AAC



E6DF5E



73676E



B30061



33001C

Previews

White Background



This preview shows how the Hex color 5EA8E6 looks on a white background.

Color Contrast Check

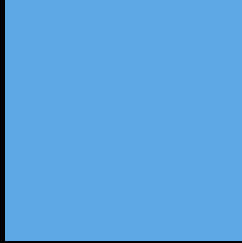
Large Text (above 18pt) WCAG AA × Fail

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 5EA8E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

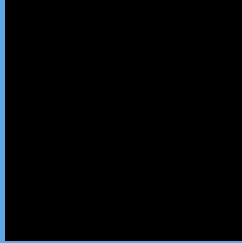
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

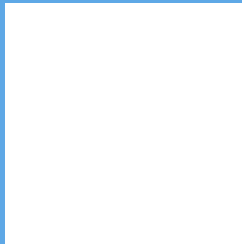
Any Text WCAG AAA ✓ Pass

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

Hex 5EA8E6 Background



This preview shows how black text looks on a background with the Hex color 5EA8E6.

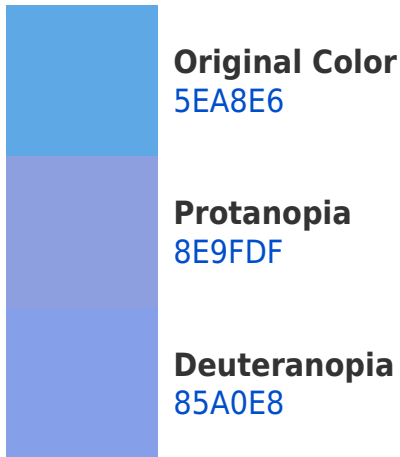


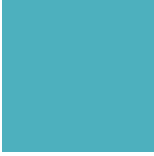
This preview shows how white text looks on a background with the Hex color 5EA8E6.

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](#).

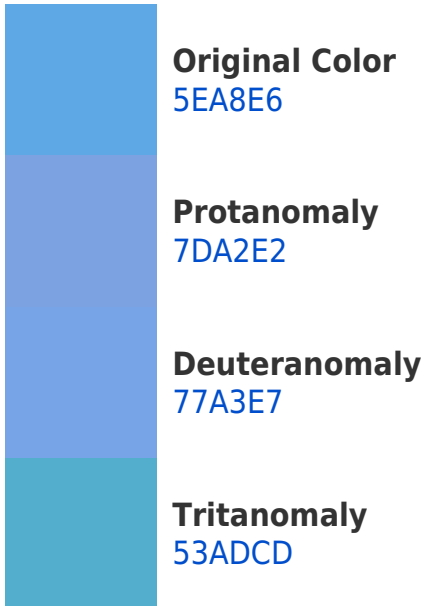
Dichromacy





Tritanopia
4DB0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EA8E6 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 #5EA8E6 looks like.

```
.text, #text, p{  
    color:#5EA8E6  
}
```

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 #5EA8E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EA8E6  
}
```

Border

The CSS property to change the border of an element to Hex 5EA8E6 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  
#5EA8E6 }
```

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

```
.border{ border-color:#5EA8E6 }
```

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

Here you see how a box with a 4 pixel #5EA8E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EA8E6; -webkit-box-shadow:4px 4px  
4px 4px #5EA8E6; box-shadow:4px 4px 4px  
4px #5EA8E6 }
```

Background

The CSS property to change the background color of an element to Hex 5EA8E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EA8E6 }
```

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

```
.background{ background-color:#5EA8E6 }
```

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