

Converting Colors

Hex(57A7E2)

Have a look what the booklet for
Hex(57A7E2) contains.

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Color

Hex(57A7E2)

Conversions

Conversions Part 1

Format	Color
Hex	57A7E2
RGB	87, 167, 226
RGB Percent	34%, 65%, 89%
CMY	0.6588, 0.3451, 0.1137
CMYK	0.62, 0.26, 0.00, 0.11
HSL	205°, 71%, 61%
HSV	205°, 62%, 89%
XYZ	31.4767, 35.1547, 77.0780
YIQ	149.8060, -66.6190, 1.3890

Conversions

Conversions Part 2

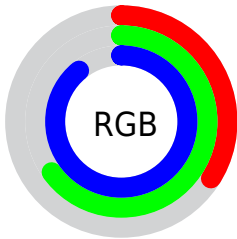
Format	Color
R _Y B	87, 138, 226
Decimal	5744610
CIE Lab	65.87, -6.95, -37.09
CIE LCh	66, 37.739, 259.381
Yxy	35.1547, 0.2190, 0.2446
Android (android.graphics.Color)	4283934690 (0xFF57A7E2)
YUV	149.8060, 37.5636, -55.0809
Hunter-Lab	59.2914, -8.9976, -35.5723

Details

The Hex color **57A7E2** 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 **E29257**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **94DEFF**, and **0073AA** is the 20% darker color. If you saturate the color by 10%, you get **409DE2**, and if you desaturate by 10%, it is **6EB1E2**.

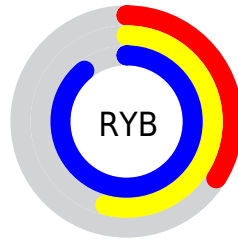
Distribution



Red (34%)

Green (65%)

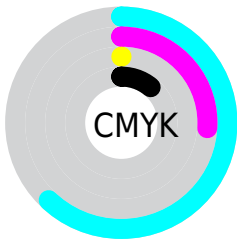
Blue (89%)



Red (34%)

Yellow (54%)

Blue (89%)

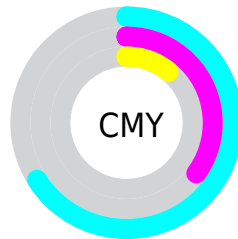


Cyan (62%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (66%)

Magenta (35%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57A7E2 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 57A7E2 by changing the saturation by 10% instead.

■ 57A7E2

FFFFFF

■ 94DEFF

■ B1FBFF

■ CFFFFF

■ EDFFFF

■ 57A7E2

■ 358DC6

■ 0073AA

■ 005B90

■ 004476

■ 002E5D

■ 001A45

■ 00042E

■ 000118

■ 000000

■ 57A7E2

■ 57A7E2

■ 409DE2

■ 6EB1E2

■ 2A94E2

■ 84BAE2

■ 138AE2

■ 9BC4E2

■ 0082E2

■ B1CDE2

■ C8D7E2

■ DFE1E2

■ F5EAE2

■ FFF4E2

■ FFFDE2

Harmonies

Analogous

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



00AFD2



57A7E2



929CE0

Triad

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



57A7E2



E2868B



79AD73

Complementary

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



57A7E2



E29257

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.



A0A55F



57A7E2



D88E6E

Square

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



57A7E2



DA87AE



C19A5D



4CB192

Rectangle

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



57A7E2



B293D4



C19A5D



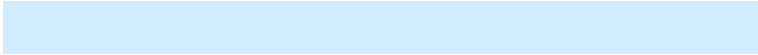
87AB6A

Sweetspot

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



57A7E2



D1ECFF



57E291



637480



000000



808080

Same Dimension

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



57A7E2



42AFFF



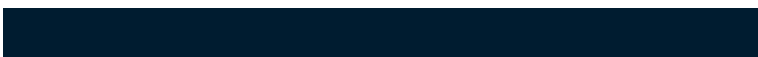
5763E2



656B70



0065B0



001C30

Inverse Universe

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



E257A7



FF42AF



E2D657



70656B



B00065



30001C

Previews

White Background



This preview shows how the Hex color 57A7E2 looks on a white background.

Color Contrast Check

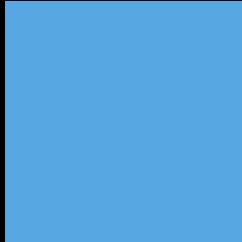
Large Text (above 18pt) WCAG AA × Fail

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 57A7E2 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

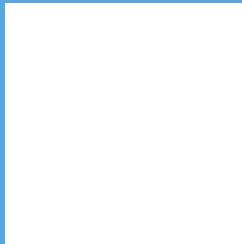
Any Text WCAG AAA ✓ Pass

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

Hex 57A7E2 Background



This preview shows how black text looks on a background with the Hex color 57A7E2.

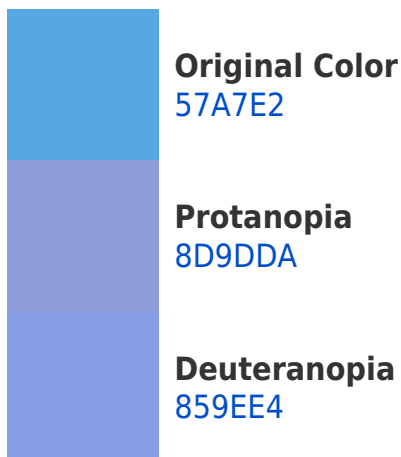


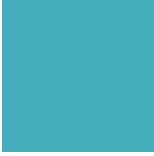
This preview shows how white text looks on a background with the Hex color 57A7E2.

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](#).

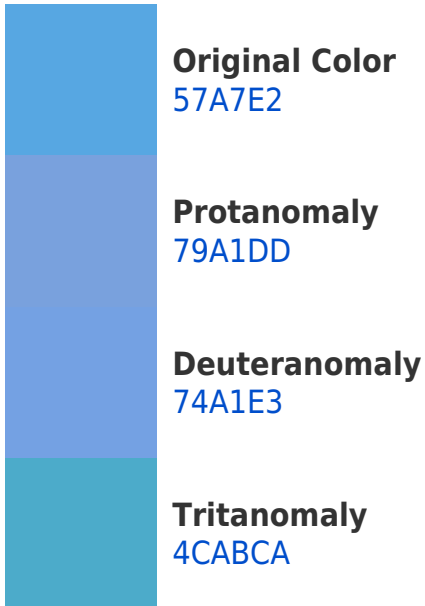
Dichromacy



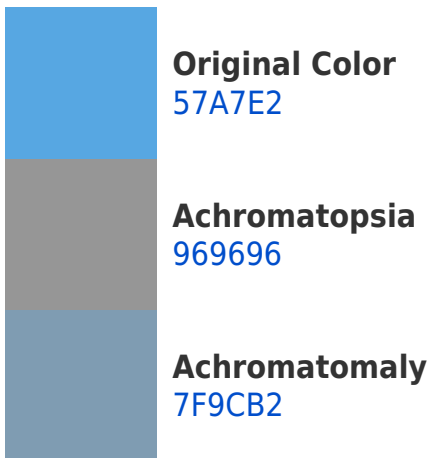


Tritanopia
45AEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57A7E2 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 #57A7E2 looks like.

```
.text, #text, p{  
    color:#57A7E2  
}
```

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 #57A7E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57A7E2
}
```

Border

The CSS property to change the border of an element to Hex 57A7E2 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
#57A7E2 }
```

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

```
.border{ border-color:#57A7E2 }
```

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

Here you see how a box with a 4 pixel #57A7E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57A7E2; -webkit-box-shadow:4px 4px  
4px 4px #57A7E2; box-shadow:4px 4px 4px  
4px #57A7E2 }
```

Background

The CSS property to change the background color of an element to Hex 57A7E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57A7E2 }
```

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

```
.background{ background-color:#57A7E2 }
```

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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