

Converting Colors

Hex(50A8E2)

Have a look what the booklet for
Hex(50A8E2) contains.

Hex(50A8E2)	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(50A8E2)

Conversions

Conversions Part 1

Format	Color
Hex	50A8E2
RGB	80, 168, 226
RGB Percent	31%, 66%, 89%
CMY	0.6863, 0.3412, 0.1137
CMYK	0.65, 0.26, 0.00, 0.11
HSL	204°, 72%, 60%
HSV	204°, 65%, 89%
XYZ	31.0384, 35.2017, 77.1102
YIQ	148.3000, -71.0660, -0.6180

Conversions

Conversions Part 2

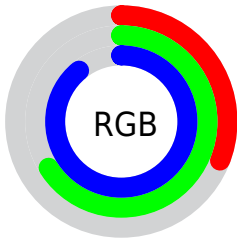
Format	Color
R _Y B	80, 135, 226
Decimal	5286114
CIE Lab	65.91, -8.72, -37.05
CIE LCh	66, 38.068, 256.750
Yxy	35.2017, 0.2165, 0.2456
Android (android.graphics.Color)	4283476194 (0xFF50A8E2)
YUV	148.3000, 38.3061, -59.8991
Hunter-Lab	59.3310, -10.4491, -35.5252

Details

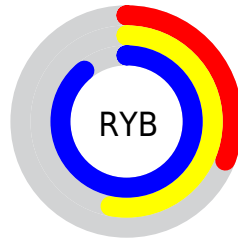
The Hex color **50A8E2** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **E28A50**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **8EDFFF**, and **0074AA** is the 20% darker color. If you saturate the color by 10%, you get **399FE2**, and if you desaturate by 10%, it is **67B1E2**.

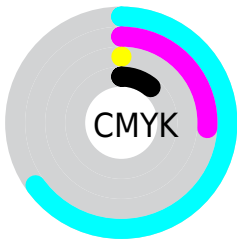
Distribution



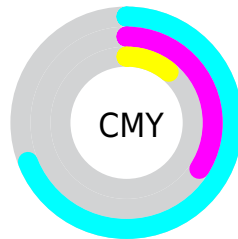
- Red (31%)
- Green (66%)
- Blue (89%)



- Red (31%)
- Yellow (53%)
- Blue (89%)



- Cyan (65%)
- Magenta (26%)
- Yellow (0%)
- Black (11%)



- Cyan (69%)
- Magenta (34%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50A8E2 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 50A8E2 by changing the saturation by 10% instead.

■ 50A8E2

■ 50A8E2

FFFFFF

■ 2B8EC6

■ 8EDFFF

■ 0074AA

■ ACFCFF

■ 005C90

■ CAFFFF

■ 004476

■ E8FFFF

■ 002E5D

■ 001B45

■ 00042E

■ 000118

■ 000000

■ 50A8E2

■ 50A8E2

■ 399FE2

■ 67B1E2

■ 2396E2

■ 7DBAE2

■ 0C8DE2

■ 94C3E2

■ 0088E2

■ AACCE2

■ C1D5E2

■ D8DEE2

■ EEE7E2

■ FFF0E2

■ FFF9E2

Harmonies

Analogous

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



00AFD1



50A8E2



8D9DE1

Triad

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



50A8E2



E3868E



7DAD70

Complementary

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



50A8E2



E28A50

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.



A3A45D



50A8E2



DA8D70

Square

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



50A8E2



D987B1



C3995E



4FB18F

Rectangle

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



50A8E2



AE94D7



C3995E



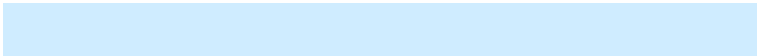
8AAA68

Sweetspot

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



50A8E2



CFECFF



50E288



627480



000000



808080

Same Dimension

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



50A8E2



38B0FF



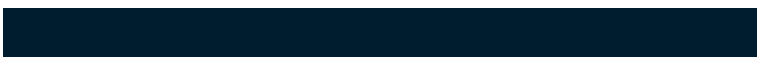
5061E2



656C70



006AB0



001D30

Inverse Universe

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



E250A8



FF38B0



E2D150



70656C



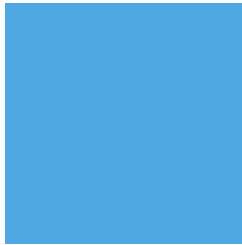
B0006A



30001D

Previews

White Background



This preview shows how the Hex color 50A8E2 looks on a white background.

Color Contrast Check

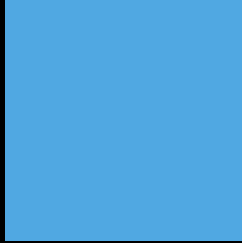
Large Text (above 18pt) WCAG AA × Fail

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 50A8E2 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

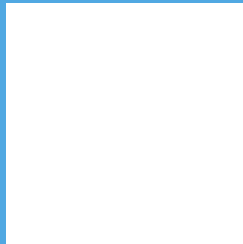
Any Text WCAG AAA ✓ Pass

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

Hex 50A8E2 Background



This preview shows how black text looks on a background with the Hex color 50A8E2.

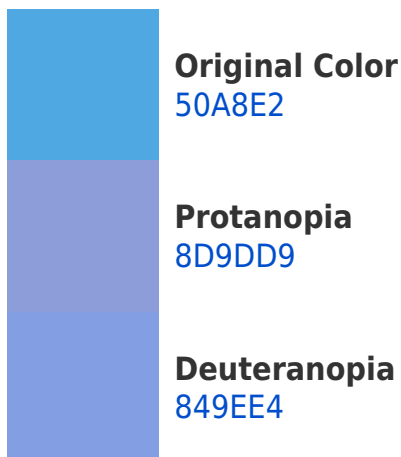


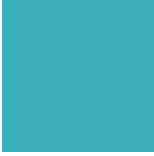
This preview shows how white text looks on a background with the Hex color 50A8E2.

Color Blindness Simulation

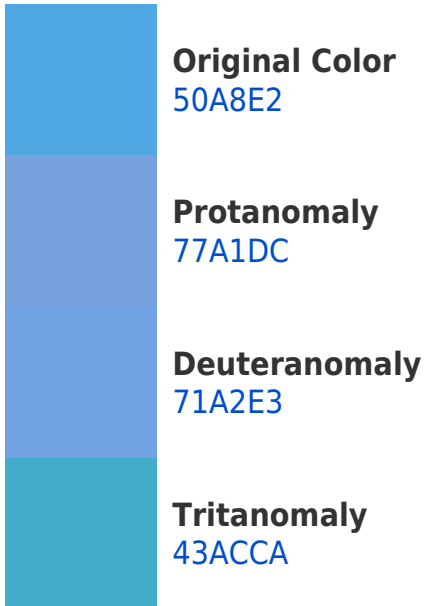
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50A8E2 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 #50A8E2 looks like.

```
.text, #text, p{  
    color:#50A8E2  
}
```

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 #50A8E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50A8E2
}
```

Border

The CSS property to change the border of an element to Hex 50A8E2 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
#50A8E2 }
```

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

```
.border{ border-color:#50A8E2 }
```

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

Here you see how a box with a 4 pixel #50A8E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50A8E2; -webkit-box-shadow:4px 4px  
4px 4px #50A8E2; box-shadow:4px 4px 4px  
4px #50A8E2 }
```

Background

The CSS property to change the background color of an element to Hex 50A8E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50A8E2 }
```

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

```
.background{ background-color:#50A8E2 }
```

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