

Converting Colors

Hex(62A9E9)

Have a look what the booklet for
Hex(62A9E9) contains.

Hex(62A9E9)	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(62A9E9)

Conversions

Conversions Part 1

Format	Color
Hex	62A9E9
RGB	98, 169, 233
RGB Percent	38%, 66%, 91%
CMY	0.6157, 0.3373, 0.0863
CMYK	0.58, 0.27, 0.00, 0.09
HSL	208°, 75%, 65%
HSV	208°, 58%, 91%
XYZ	33.9330, 36.8558, 82.4162
YIQ	155.0670, -62.8600, 4.8520

Conversions

Conversions Part 2

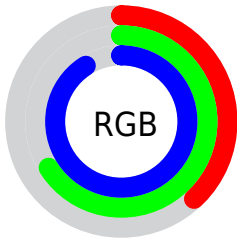
Format	Color
R _Y B	98, 145, 233
Decimal	6466025
CIE Lab	67.17, -3.78, -38.88
CIE LCh	67, 39.059, 264.442
Yxy	36.8558, 0.2215, 0.2406
Android (android.graphics.Color)	4284656105 (0xFF62A9E9)
YUV	155.0670, 38.4210, -50.0478
Hunter-Lab	60.7090, -6.4691, -37.9936

Details

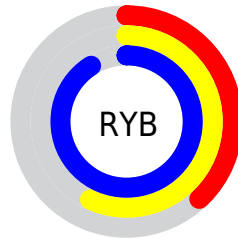
The Hex color **62A9E9** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E9A262**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **9EE0FF**, and **1975B1** is the 20% darker color. If you saturate the color by 10%, you get **4B9EE9**, and if you desaturate by 10%, it is **79B4E9**.

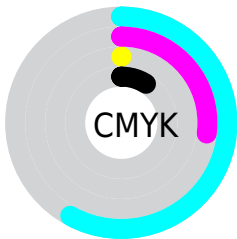
Distribution



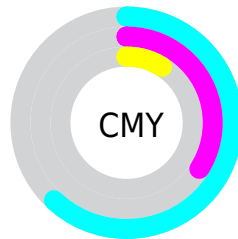
- Red (38%)
- Green (66%)
- Blue (91%)



- Red (38%)
- Yellow (57%)
- Blue (91%)



- Cyan (58%)
- Magenta (27%)
- Yellow (0%)
- Black (9%)



- Cyan (62%)
- Magenta (34%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62A9E9 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 62A9E9 by changing the saturation by 10% instead.

■ 62A9E9

■ 62A9E9

FFFFFF

■ 428FCD

■ 9EE0FF

■ 1975B1

■ BBFDFF

■ 005D96

■ D9FFFF

■ 00457C

■ F7FFFF

■ 003063

■ 001B4A

■ 000433

■ 00021D

■ 000000

■ 62A9E9

■ 62A9E9

■ 4B9EE9

■ 79B4E9

■ 3393E9

■ 91BFE9

■ 1C88E9

■ A8CAE9

■ 057DE9

■ BFD5E9

■ 007BE9

■ D7E0E9

■ EEEBE9

■ FFF6E9

■ FFFF E9

Harmonies

Analogous

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



05B2DC



62A9E9



9E9DE3

Triad

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



62A9E9



E78A88



74B279

Complementary

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



62A9E9



E9A262

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.



9DAA62



62A9E9



DA936B

Square

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



62A9E9



E288AC



C09F5D



41B69C

Rectangle

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



62A9E9



BD94D6



C09F5D



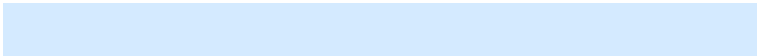
82B070

Sweetspot

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



62A9E9



D4EAFF



62E9A1



667380



000000



808080

Same Dimension

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



62A9E9



4DAAFF



6267E9



6A7075



005FB5



001C36

Inverse Universe

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



E962A9



FF4DAA



E9E562



756A70



B5005F



36001C

Previews

White Background



This preview shows how the Hex color 62A9E9 looks on a white background.

Color Contrast Check

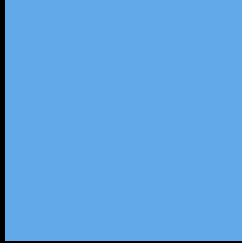
Large Text (above 18pt) WCAG AA × Fail

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 62A9E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

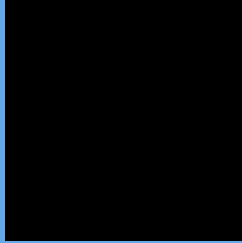
Any Text WCAG AA ✓ Pass

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 62A9E9 Background



This preview shows how black text looks on a background with the Hex color 62A9E9.

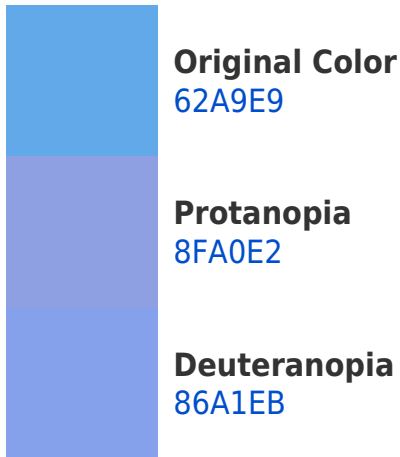


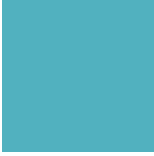
This preview shows how white text looks on a background with the Hex color 62A9E9.

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](#).

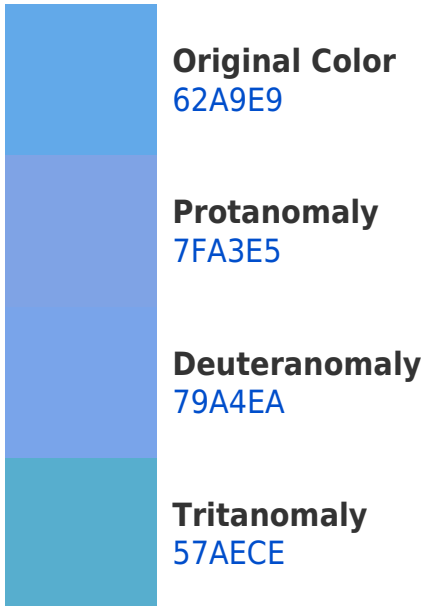
Dichromacy



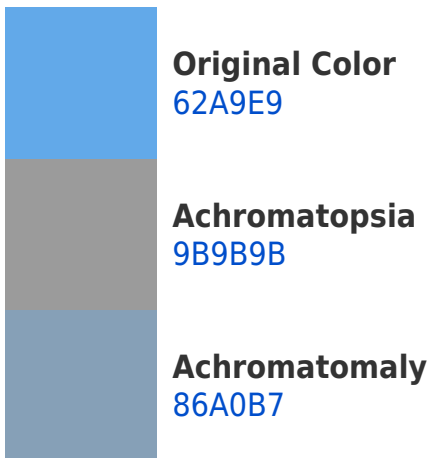


Tritanopia
51B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 62A9E9 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 #62A9E9 looks like.

```
.text, #text, p{  
    color:#62A9E9  
}
```

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 #62A9E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62A9E9
}
```

Border

The CSS property to change the border of an element to Hex 62A9E9 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
#62A9E9 }
```

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

```
.border{ border-color:#62A9E9 }
```

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

Here you see how a box with a 4 pixel #62A9E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62A9E9; -webkit-box-shadow:4px 4px  
4px 4px #62A9E9; box-shadow:4px 4px 4px  
4px #62A9E9 }
```

Background

The CSS property to change the background color of an element to Hex 62A9E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62A9E9 }
```

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

```
.background{ background-color:#62A9E9 }
```

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