

# Converting Colors

Hex(62AADE)

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

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# **Color**

**Hex(62AADE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62AADE
RGB	98, 170, 222
RGB Percent	38%, 67%, 87%
CMY	0.6157, 0.3333, 0.1294
CMYK	0.56, 0.23, 0.00, 0.13
HSL	205°, 65%, 63%
HSV	205°, 56%, 87%
XYZ	32.5965, 36.6200, 74.4576
YIQ	154.4000, -59.6040, 0.9080

# Conversions

## Conversions Part 2

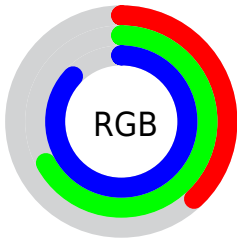
Format	Color
<b>RYB</b>	98, 144, 222
Decimal	6466270
CIELab	66.99, -7.74, -33.11
CIELCh	67, 34.007, 256.851
Yxy	36.6200, 0.2269, 0.2549
Android (android.graphics.Color)	4284656350 (0xFF62AADE)
YUV	154.4000, 33.3268, -49.4628
Hunter-Lab	60.5145, -9.7501, -30.5908

# Details

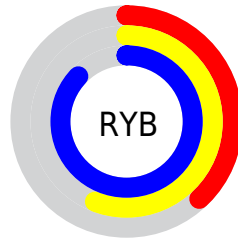
The Hex color **62AADE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DE9662**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **9CE1FF**, and **1E76A7** is the 20% darker color. If you saturate the color by 10%, you get **4CA1DE**, and if you desaturate by 10%, it is **78B3DE**.

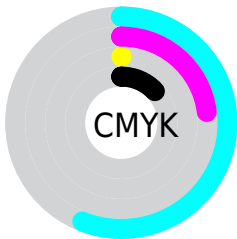
# Distribution



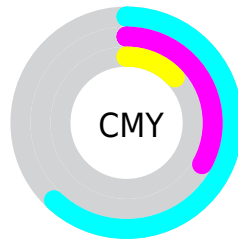
- Red (38%)
- Green (67%)
- Blue (87%)



- Red (38%)
- Yellow (56%)
- Blue (87%)



- Cyan (56%)
- Magenta (23%)
- Yellow (0%)
- Black (13%)



- Cyan (62%)
- Magenta (33%)
- Yellow (13%)

# Brightness & Saturation Gradients

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



■ 62AADE

■ 62AADE

FFFFFF

■ 4390C2

■ 9CE1FF

■ 1E76A7

■ BAFEFF

■ 005D8C

■ D7FFFF

■ 004672

■ F5FFFF

■ 00305A

■ 001C42

■ 00032B

■ 000116

■ 000000

■ 62AADE

■ 62AADE

■ 4CA1DE

■ 78B3DE

■ 3697DE

■ 8EBDDE

■ 1F8EDE

■ A5C6DE

■ 0985DE

■ BBCFDE

■ 0081DE

■ D1D9DE

■ E7E2DE

■ FDEBDE

■ FFF4DE

■ FFFEDE

# Harmonies

## Analogous

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



37B1CF



62AADE



93A0DD

# Triad

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



62AADE



DF8C93



84AE78

# Complementary

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



62AADE



DE9662

# 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.



A6A768



62AADE



D89278

# Square

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



62AADE



D68DB2



C49D68



5EB394

# Rectangle

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



62AADE



B099D4



C49D68



90AC71



# Sweetspot

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



62AADE



D4EDFF



62DE96



667580



000000



808080



# Same Dimension

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



62AADE



54B7FF



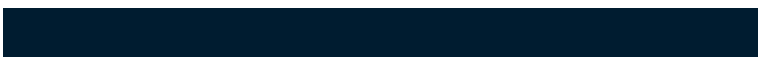
626CDE



656B70



0066B0



001C30



# Inverse Universe

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



DE62AA



FF54B7



DED462



70656B



B00066



30001C



# Previews

## White Background



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

## Color Contrast Check

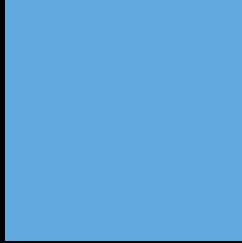
Large Text (above 18pt) WCAG AA × Fail

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 62AADE 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 62AADE Background



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

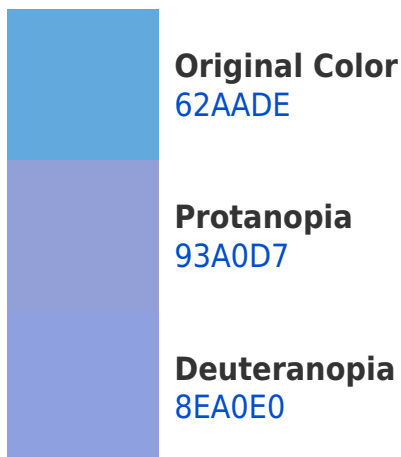


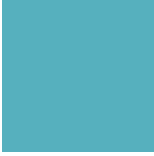
This preview shows how white text looks on a background with the Hex color 62AADE.

# 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](#).

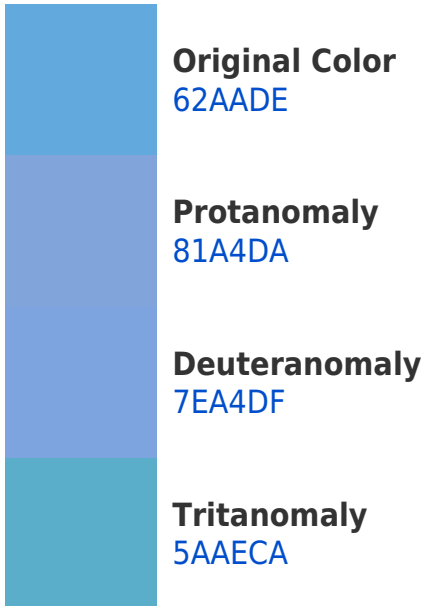
## Dichromacy



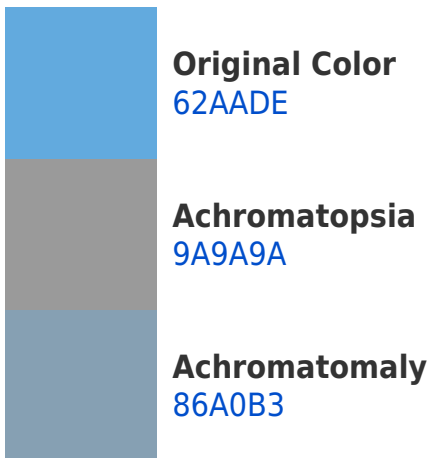


**Tritanopia**  
56B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #62AADE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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