

# Converting Colors

Hex(62C7E2)

Have a look what the booklet for  
Hex(62C7E2) contains.

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# **Color**

**Hex(62C7E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62C7E2
RGB	98, 199, 226
RGB Percent	38%, 78%, 89%
CMY	0.6157, 0.2196, 0.1137
CMYK	0.57, 0.12, 0.00, 0.11
HSL	193°, 69%, 64%
HSV	193°, 57%, 89%
XYZ	39.1879, 48.9345, 79.3314
YIQ	171.8790, -68.8630, -13.0150

# Conversions

## Conversions Part 2

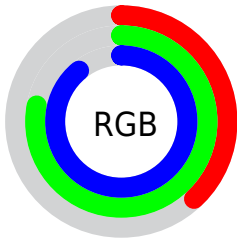
Format	Color
R <sub>Y</sub> B	98, 154, 226
Decimal	6473698
CIE Lab	75.41, -21.87, -22.36
CIE LCh	75, 31.279, 225.638
Yxy	48.9345, 0.2340, 0.2922
Android (android.graphics.Color)	4284663778 (0xFF62C7E2)
YUV	171.8790, 26.6817, -64.7919
Hunter-Lab	69.9532, -22.4221, -18.2714

# Details

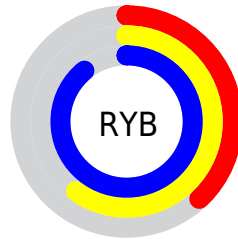
The Hex color **62C7E2** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E27D62**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **9EFFFF**, and **1791AB** is the 20% darker color. If you saturate the color by 10%, you get **4BC2E2**, and if you desaturate by 10%, it is **79CCE2**.

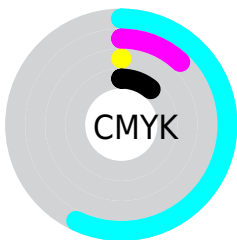
# Distribution



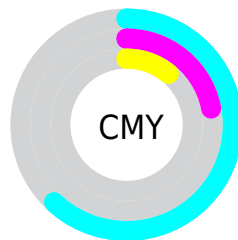
- Red (38%)
- Green (78%)
- Blue (89%)



- Red (38%)
- Yellow (60%)
- Blue (89%)



- Cyan (57%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (62%)
- Magenta (22%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62C7E2 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 62C7E2 by changing the saturation by 10% instead.



62C7E2

62C7E2

FFFFFF

42ACC6

9EFFFF

1791AB

BCFFFF

007790

D9FFFF

005E76

F8FFFF

00465E

003046

001D2F

00011B

000000

■ 62C7E2

■ 62C7E2

■ 4BC2E2

■ 79CCE2

■ 35BDE2

■ 8FD1E2

■ 1EB9E2

■ A6D5E2

■ 08B4E2

■ BCDAE2

■ 00B2E2

■ D3DFE2

■ EAE4E2

■ FFE8E2

■ FFEDE2

■ FFF2E2

# Harmonies

## Analogous

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



63CAC8



62C7E2



80C1F1

# Triad

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



62C7E2



EAA6C9



BFBD82

# Complementary

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



62C7E2



E27D62

# 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.



DBB382



62C7E2



F4A5AC

# Square

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



62C7E2



D0ADE2



EEAA92



9EC491

# Rectangle

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



62C7E2



9CBBF3



EAA92



C9BA80

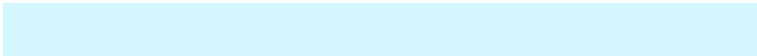


# Sweetspot

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



62C7E2



D4F6FF



62E27C



667A80



000000



808080



# Same Dimension

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



62C7E2



52DAFF



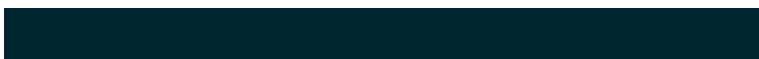
6288E2



656E70



008BB0



002630



# Inverse Universe

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



E262C7



FF52DA



E2BC62



70656E



B0008B

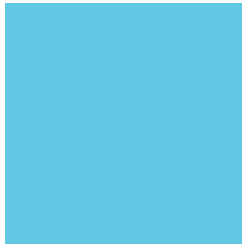


300026



# Previews

## White Background



This preview shows how the Hex color 62C7E2 looks on a white background.

## Color Contrast Check

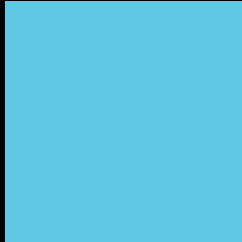
Large Text (above 18pt) WCAG AA × Fail

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 62C7E2 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 62C7E2 Background



This preview shows how black text looks on a background with the Hex color 62C7E2.

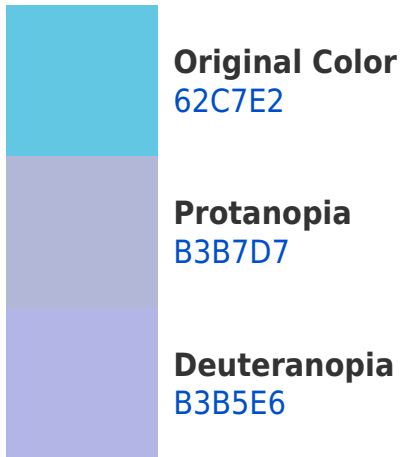


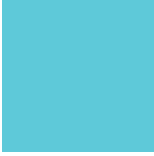
This preview shows how white text looks on a background with the Hex color 62C7E2.

# 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](#).

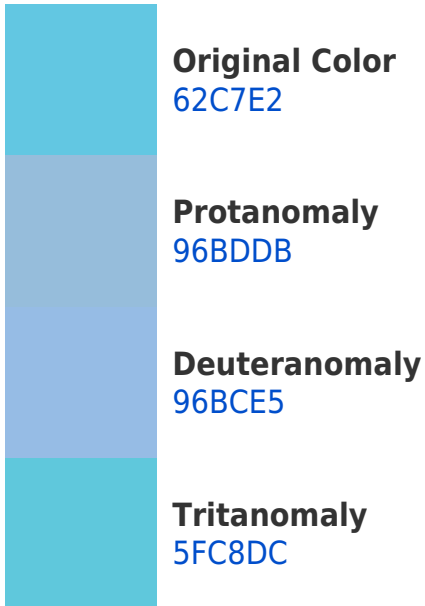
## Dichromacy



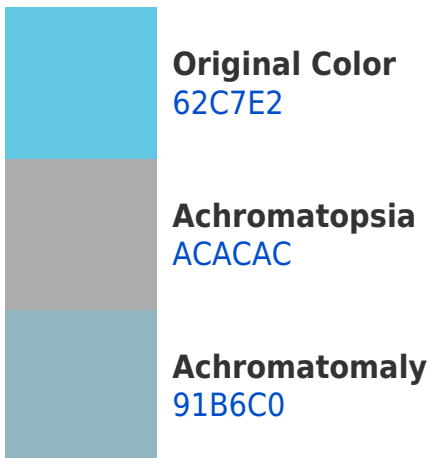


**Tritanopia**  
5EC9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62C7E2 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 #62C7E2 looks like.

```
.text, #text, p{  
    color:#62C7E2  
}
```

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 #62C7E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62C7E2
}
```

## Border

The CSS property to change the border of an element to Hex 62C7E2 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
#62C7E2 }
```

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

```
.border{ border-color:#62C7E2 }
```

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

Here you see how a box with a 4 pixel #62C7E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62C7E2; -webkit-box-shadow:4px 4px  
4px 4px #62C7E2; box-shadow:4px 4px 4px  
4px #62C7E2 }
```

# Background

The CSS property to change the background color of an element to Hex 62C7E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62C7E2 }
```

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

```
.background{ background-color:#62C7E2 }
```

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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