

# Converting Colors

Hex(62CEE4)

Have a look what the booklet for  
Hex(62CEE4) contains.

<b>Hex(62CEE4)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(62CEE4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62CEE4
RGB	98, 206, 228
RGB Percent	38%, 81%, 89%
CMY	0.6157, 0.1922, 0.1059
CMYK	0.57, 0.10, 0.00, 0.11
HSL	190°, 71%, 64%
HSV	190°, 57%, 89%
XYZ	41.1119, 52.3407, 81.3347
YIQ	176.2160, -71.4300, -16.0540

# Conversions

## Conversions Part 2

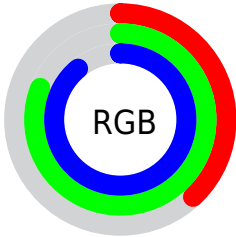
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 157, 228
Decimal	6475492
CIELab	77.48, -24.81, -20.29
CIELCh	77, 32.053, 219.271
Yxy	52.3407, 0.2352, 0.2995
Android (android.graphics.Color)	4284665572 (0xFF62CEE4)
YUV	176.2160, 25.5295, -68.5954
Hunter-Lab	72.3469, -25.1725, -16.0129

# Details

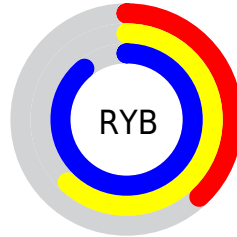
The Hex color **62CEE4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E47862**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **9EFFFF**, and **1397AD** is the 20% darker color. If you saturate the color by 10%, you get **4BCAE4**, and if you desaturate by 10%, it is **79D2E4**.

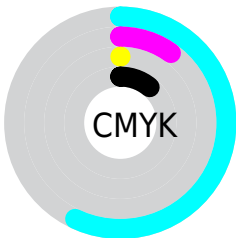
# Distribution



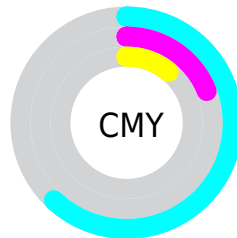
- Red (38%)
- Green (81%)
- Blue (89%)



- Red (38%)
- Yellow (62%)
- Blue (89%)



- Cyan (57%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



- Cyan (62%)
- Magenta (19%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62CEE4 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 62CEE4 by changing the saturation by 10% instead.



 62CEE4

 62CEE4

FFFFFF

 41B2C8

 9EFFFF

 1397AD

 BCFFFF

 007D92

 DAFFFF

 006478

 F9FFFF

 004C5F

 003548

 002131

 00021C

 000000

■ 62CEE4

■ 62CEE4

■ 4BCAE4

■ 79D2E4

■ 34C6E4

■ 90D6E4

■ 1EC2E4

■ A6DAE4

■ 07BFE4

■ BDDDE4

■ 00BDE4

■ D4E1E4

■ EBE5E4

■ FFE9E4

■ FFEDE4

■ FFF1E4

# Harmonies

## Analogous

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



6AD0C8



62CEE4



7CC8F6

# Triad

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



62CEE4



EDACD5



CBC185

# Complementary

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



62CEE4



E47862

# 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.



E6B789



62CEE4



FAA9B7

# Square

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



62CEE4



CFB5EE



F7AE9B



AAC991

# Rectangle

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



62CEE4



98C2FA



F7AE9B



D5BD84

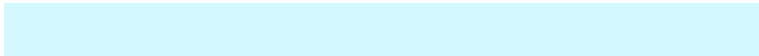


# Sweetspot

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



62CEE4



D4F8FF



62E478



667B80



000000



808080



# Same Dimension

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



62CEE4



52E2FF



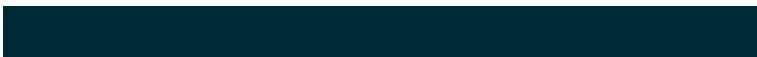
628DE4



677173



0094B3



002A33



# Inverse Universe

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



E462CE



FF52E2



E4B962



736771



B30094



33002A



# Previews

## White Background



This preview shows how the Hex color 62CEE4 looks on a white background.

## Color Contrast Check

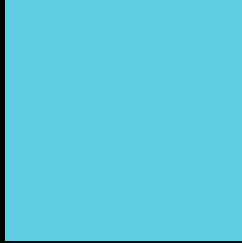
Large Text (above 18pt) WCAG AA × Fail

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 62CEE4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

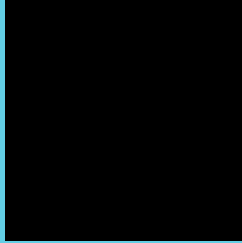
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 62CEE4 Background



This preview shows how black text looks on a background with the Hex color 62CEE4.

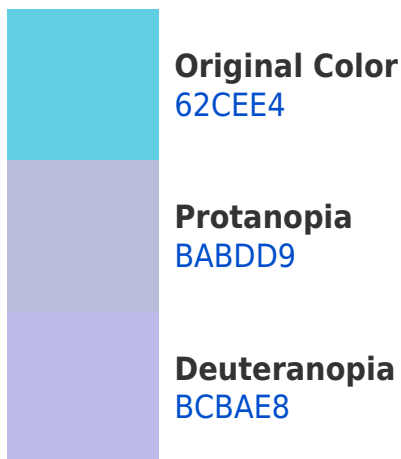


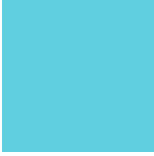
This preview shows how white text looks on a background with the Hex color 62CEE4.

# 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](#).

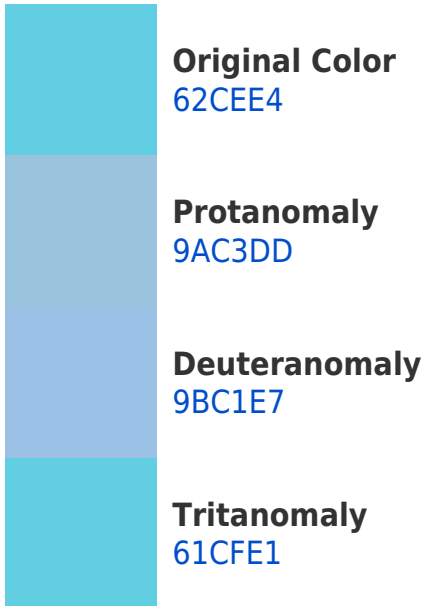
## Dichromacy





**Tritanopia**  
60CFDF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62CEE4 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 #62CEE4 looks like.

```
.text, #text, p{  
    color:#62CEE4  
}
```

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 #62CEE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62CEE4
}
```

## Border

The CSS property to change the border of an element to Hex 62CEE4 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
#62CEE4 }
```

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

```
.border{ border-color:#62CEE4 }
```

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

Here you see how a box with a 4 pixel #62CEE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62CEE4; -webkit-box-shadow:4px 4px  
4px 4px #62CEE4; box-shadow:4px 4px 4px  
4px #62CEE4 }
```

# Background

The CSS property to change the background color of an element to Hex 62CEE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62CEE4 }
```

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

```
.background{ background-color:#62CEE4 }
```

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