

# Converting Colors

Hex(62DDE7)

Have a look what the booklet for  
Hex(62DDE7) contains.

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# **Color**

**Hex(62DDE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62DDE7
RGB	98, 221, 231
RGB Percent	38%, 87%, 91%
CMY	0.6157, 0.1333, 0.0941
CMYK	0.58, 0.04, 0.00, 0.09
HSL	185°, 73%, 65%
HSV	185°, 58%, 91%
XYZ	45.3173, 60.0791, 84.8093
YIQ	185.3630, -76.5180, -22.9660

# Conversions

## Conversions Part 2

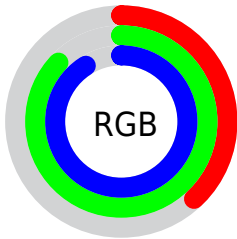
Format	Color
<a href="#">RYB</a>	<a href="#">98, 162, 231</a>
Decimal	<a href="#">6479335</a>
CIELab	<a href="#">81.88, -31.29, -15.26</a>
CIELCh	<a href="#">82, 34.811, 205.993</a>
Yxy	<a href="#">60.0791, 0.2383, 0.3159</a>
Android (android.graphics.Color)	<a href="#">4284669415 (0xFF62DDE7)</a>
YUV	<a href="#">185.3630, 22.4990, -76.6174</a>
Hunter-Lab	<a href="#">77.5107, -31.2823, -10.6154</a>

# Details

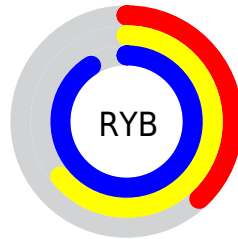
The Hex color **62DDE7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E76C62**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A0FFFF**, and **0AA5AF** is the 20% darker color. If you saturate the color by 10%, you get **4BDBE7**, and if you desaturate by 10%, it is **79DFE7**.

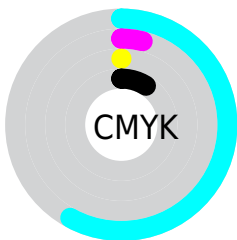
# Distribution



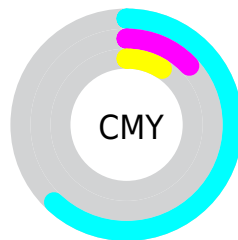
- Red (38%)
- Green (87%)
- Blue (91%)



- Red (38%)
- Yellow (64%)
- Blue (91%)



- Cyan (58%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (62%)
- Magenta (13%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62DDE7 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 62DDE7 by changing the saturation by 10% instead.



 62DDE7

 62DDE7

FFFFFF

 40C1CB

 A0FFFF

 0AA5AF

 BEFFFF

 008B95

 DCFFFF

 00717B

 FBFFFF

 005862

 00404A

 002A34

 000E1F

 000003

■ 62DDE7

■ 62DDE7

■ 4BDBE7

■ 79DFE7

■ 34DAE7

■ 90E0E7

■ 1DD8E7

■ A7E2E7

■ 06D6E7

■ BEE4E7

■ 00D6E7

■ D6E6E7

■ EDE7E7

■ FFE9E7

■ FFEBE7

■ FFEDE7

# Harmonies

## Analogous

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



7ADDC6



62DDE7



6FD9FF

# Triad

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



62DDE7



F1BAF1



E7C88B

# Complementary

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



62DDE7



E76C62

# 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.



FFBD97



62DDE7



FFB4D1

# Square

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



62DDE7



CAC5FF



FFB5B1



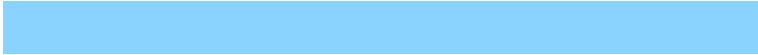
C5D290

# Rectangle

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



62DDE7



8AD3FF



FFB5B1



F0C48D



# Sweetspot

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



62DDE7



D4FCFF



62E76B



667E80



000000



808080

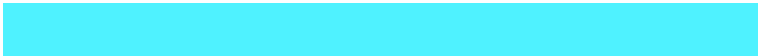


# Same Dimension

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



62DDE7



4FF2FF



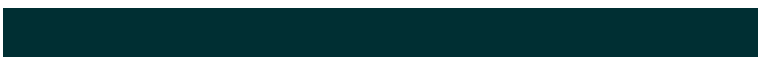
629CE7



677273



00A5B3



002F33



# Inverse Universe

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



E762DD



FF4FF2



E7AD62



736772



B300A5

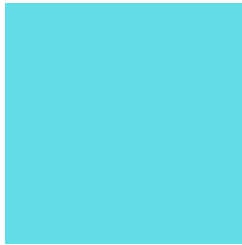


33002F



# Previews

## White Background



This preview shows how the Hex color 62DDE7 looks on a white background.

## Color Contrast Check

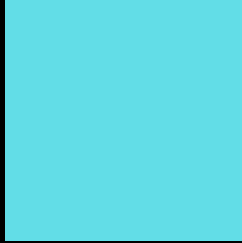
Large Text (above 18pt) WCAG AA × Fail

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 62DDE7 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 62DDE7 Background



This preview shows how black text looks on a background with the Hex color 62DDE7.

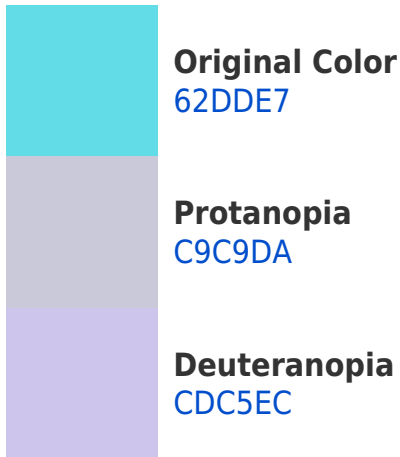


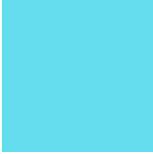
This preview shows how white text looks on a background with the Hex color 62DDE7.

# 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](#).

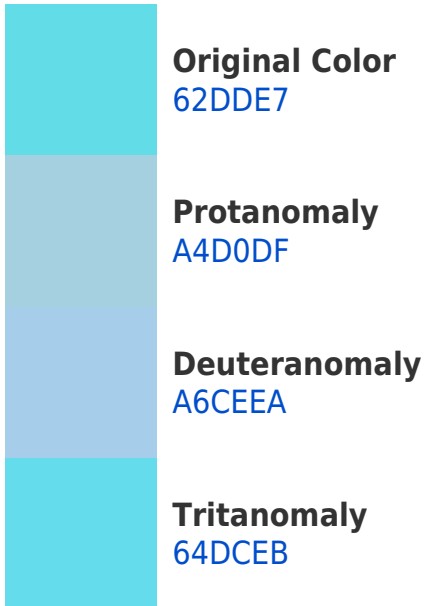
## Dichromacy



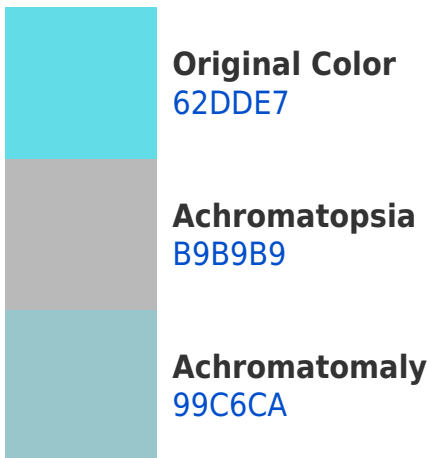


**Tritanopia**  
65DCEE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62DDE7 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 #62DDE7 looks like.

```
.text, #text, p{  
    color:#62DDE7  
}
```

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 #62DDE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62DDE7
}
```

## Border

The CSS property to change the border of an element to Hex 62DDE7 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
#62DDE7 }
```

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

```
.border{ border-color:#62DDE7 }
```

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

Here you see how a box with a 4 pixel #62DDE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62DDE7; -webkit-box-shadow:4px 4px  
4px 4px #62DDE7; box-shadow:4px 4px 4px  
4px #62DDE7 }
```

# Background

The CSS property to change the background color of an element to Hex 62DDE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62DDE7 }
```

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

```
.background{ background-color:#62DDE7 }
```

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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