

# Converting Colors

Hex(62EBC4)

Have a look what the booklet for  
Hex(62EBC4) contains.

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# Color

Hex(62EBC4)

# Conversions

## Conversions Part 1

Format	Color
Hex	62EBC4
RGB	98, 235, 196
RGB Percent	38%, 92%, 77%
CMY	0.6157, 0.0784, 0.2314
CMYK	0.58, 0.00, 0.17, 0.08
HSL	163°, 77%, 65%
HSV	163°, 58%, 92%
XYZ	44.7091, 65.9989, 62.6072
YIQ	189.5910, -69.1330, -41.1730

# Conversions

## Conversions Part 2

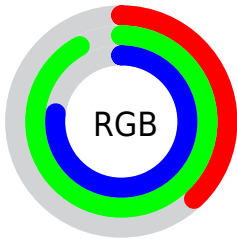
Format	Color
<a href="#">RYB</a>	<a href="#">98, 178, 235</a>
Decimal	<a href="#">6482884</a>
CIELab	<a href="#">85.00, -46.47, 7.82</a>
CIElCh	<a href="#">85, 47.124, 170.447</a>
Yxy	<a href="#">65.9989, 0.2580, 0.3808</a>
Android (android.graphics.Color)	<a href="#">4284672964 (0xFF62EBC4)</a>
YUV	<a href="#">189.5910, 3.1596, -80.3253</a>
Hunter-Lab	<a href="#">81.2397, -43.9344, 11.1761</a>

# Details

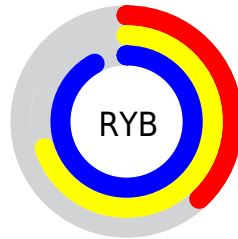
The Hex color **62EBC4** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **EB6289**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **9FFFFD**, and **0EB28E** is the 20% darker color. If you saturate the color by 10%, you get **4BEBBD**, and if you desaturate by 10%, it is **7AEBCB**.

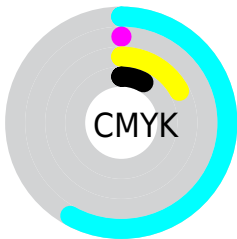
# Distribution



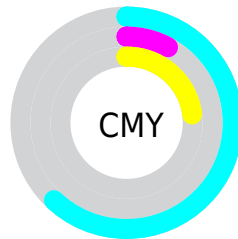
- Red (38%)
- Green (92%)
- Blue (77%)



- Red (38%)
- Yellow (70%)
- Blue (92%)



- Cyan (58%)
- Magenta (0%)
- Yellow (17%)
- Black (8%)



- Cyan (62%)
- Magenta (8%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62EBC4 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 62EBC4 by changing the saturation by 10% instead.



 62EBC4

 62EBC4

FFFFFF

 40CEA9

 9FFFFFFD

 0EB28E

 BDFFFF

 009775

 DCFFFF

 007C5C

 FAFFFF

 006345

 004A2E

 003219

 001A00

 000000

 62EBC4

 62EBC4

 4BEBCD

 7AEBCB

 33EBB7

 91EBD1

 1CEBB0

 A9EBD8

 04EBA9

 C0EBDF

 00EBA8

 D8EBE5

 EFEBEC

 FFEBF3

 FFEBFA

 FFEBFF

# Harmonies

## Analogous

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



9FE59A



62EBC4



00ECF2

# Triad

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



62EBC4



C4CEFF



FFBD91

# Complementary

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



62EBC4



EB6289

# 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.



FFB3B7



62EBC4



FEBEFF

# Square

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



62EBC4



76DDFF



FFB3E4



FECD7C

# Rectangle

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



62EBC4



00E9FF



FFB3E4



FFB99D

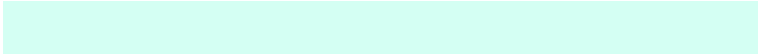


# Sweetspot

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



62EBC4



D4FFF3



8BEB62



668078



000000



808080



# Same Dimension

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



62EBC4



4DFFCC



62D0EB



6A7572



00B582



003626



# Inverse Universe

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



EB6289



FF4D7F



EB7D62



756A6D



B50034

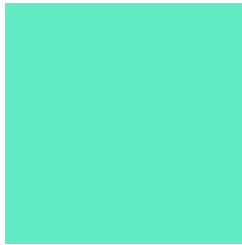


36000F



# Previews

## White Background



This preview shows how the Hex color 62EBC4 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 62EBC4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

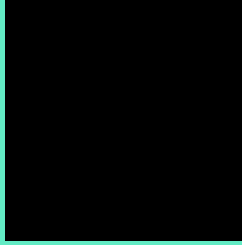
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

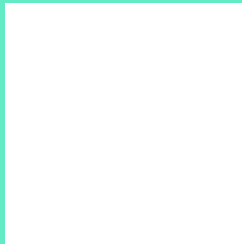
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 62EBC4 Background



This preview shows how black text looks on a background with the Hex color 62EBC4.

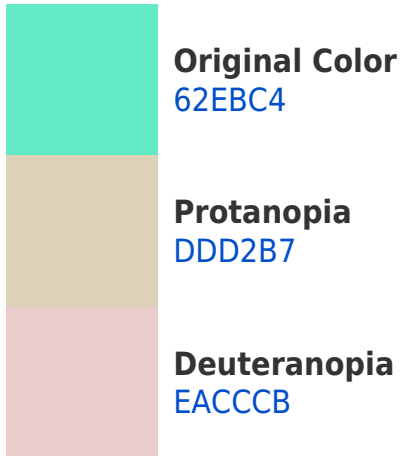


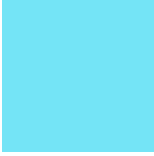
This preview shows how white text looks on a background with the Hex color 62EBC4.

# 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**  
74E4F6

# Trichromacy



**Original Color**  
62EBC4



**Protanomaly**  
B0DBBC



**Deuteranomaly**  
B9D7C8

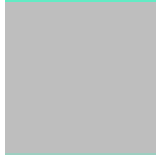


**Tritanomaly**  
6DE7E4

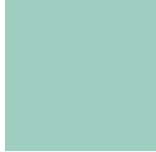
# Monochromacy



**Original Color**  
62EBC4



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
9DCEC0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62EBC4 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 #62EBC4 looks like.

```
.text, #text, p{  
    color:#62EBC4  
}
```

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 #62EBC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62EBC4
}
```

## Border

The CSS property to change the border of an element to Hex 62EBC4 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
#62EBC4 }
```

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

```
.border{ border-color:#62EBC4 }
```

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

Here you see how a box with a 4 pixel #62EBC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62EBC4; -webkit-box-shadow:4px 4px  
4px 4px #62EBC4; box-shadow:4px 4px 4px  
4px #62EBC4 }
```

# Background

The CSS property to change the background color of an element to Hex 62EBC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62EBC4 }
```

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

```
.background{ background-color:#62EBC4 }
```

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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