

# Converting Colors

Hex(6EC5C9)

Have a look what the booklet for  
Hex(6EC5C9) contains.

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# Color

**Hex(6EC5C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EC5C9
RGB	110, 197, 201
RGB Percent	43%, 77%, 79%
CMY	0.5686, 0.2275, 0.2118
CMYK	0.45, 0.02, 0.00, 0.21
HSL	183°, 46%, 61%
HSV	183°, 45%, 79%
XYZ	36.9393, 47.4645, 62.4730
YIQ	171.4430, -53.1360, -17.2000

# Conversions

## Conversions Part 2

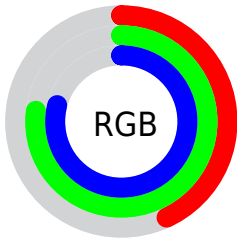
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 154, 201
Decimal	7259593
CIELab	74.49, -25.14, -10.18
CIELCh	74, 27.126, 202.044
Yxy	47.4645, 0.2515, 0.3232
Android (android.graphics.Color)	4285449673 (0xFF6EC5C9)
YUV	171.4430, 14.5716, -53.8855
Hunter-Lab	68.8945, -24.8588, -5.5375

# Details

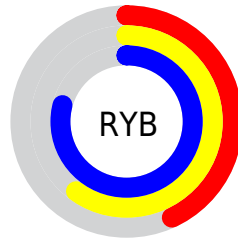
The Hex color **6EC5C9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C9726E**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A7FEFF**, and **338F93** is the 20% darker color. If you saturate the color by 10%, you get **5AC4C9**, and if you desaturate by 10%, it is **82C6C9**.

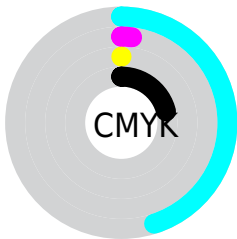
# Distribution



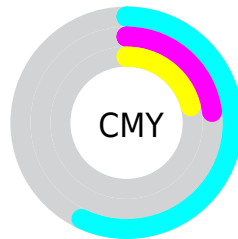
- Red (43%)
- Green (77%)
- Blue (79%)



- Red (43%)
- Yellow (60%)
- Blue (79%)



- Cyan (45%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



- Cyan (57%)
- Magenta (23%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EC5C9 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 6EC5C9 by changing the saturation by 10% instead.



 6EC5C9

 6EC5C9

FFFFFF

 51AAAE

 A7FEFF

 338F93

 C4FFFF

 087579

 E1FFFF

 005C61

 004449

 002D32

 00191D

 000002

 000000

 6EC5C9

 6EC5C9

 5AC4C9

 82C6C9

 46C3C9

 96C7C9

 32C2C9

 AAC8C9

 1EC1C9

 BEC9C9

 0AC1C9

 D3C9C9

 00C0C9

 E7CAC9

 FBCBC9

 FFCCC9

 FFCDC9

# Harmonies

## Analogous

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



7FC5AF



6EC5C9



74C2DE

# Triad

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



6EC5C9



D1ABD6



D0B386

# Complementary

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



6EC5C9



C9726E

# 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.



E2AB91



6EC5C9



E4A6BF

# Square

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



6EC5C9



B2B3E5



EAA6A6



B6BB89

# Rectangle

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



6EC5C9



84BEE6



EAA6A6



D7B188



# Sweetspot

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



6EC5C9



DBFDFF



6EC971



6A7F80



000000



808080



# Same Dimension

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



6EC5C9



75F9FF



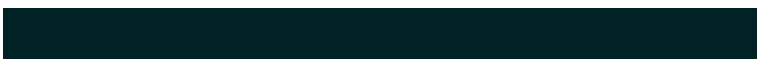
6E98C9



5A6363



009CA3



002224



# Inverse Universe

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



C96EC5



FF75F9



C99F6E



635A63



A3009C

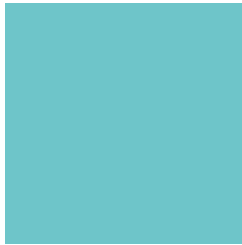


240022



# Previews

## White Background



This preview shows how the Hex color 6EC5C9 looks on a white background.

## Color Contrast Check

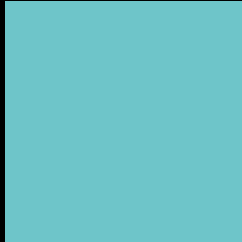
Large Text (above 18pt) WCAG AA × Fail

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 6EC5C9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

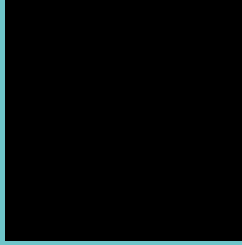
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

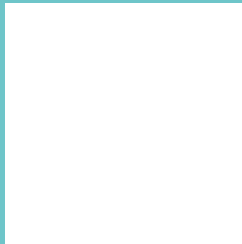
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6EC5C9 Background



This preview shows how black text looks on a background with the Hex color 6EC5C9.

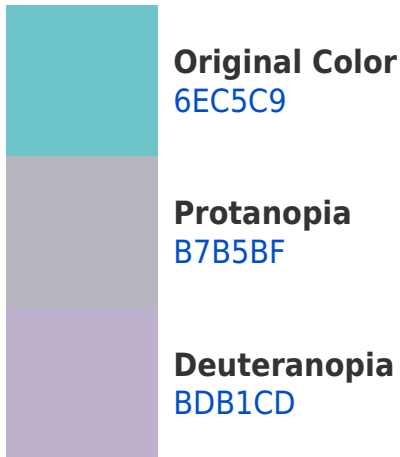


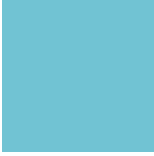
This preview shows how white text looks on a background with the Hex color 6EC5C9.

# 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**  
71C3D3

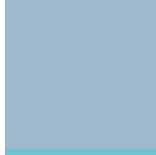
# Trichromacy



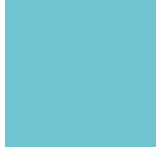
**Original Color**  
6EC5C9



**Protanomaly**  
9CBBC3



**Deuteranomaly**  
A0B8CC

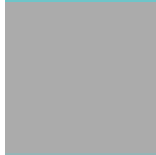


**Tritanomaly**  
70C4CF

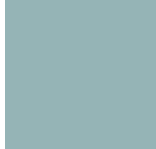
# Monochromacy



**Original Color**  
6EC5C9



**Achromatopsia**  
ABABAB



**Achromatomaly**  
95B4B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EC5C9 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 #6EC5C9 looks like.

```
.text, #text, p{  
    color:#6EC5C9  
}
```

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 #6EC5C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EC5C9
}
```

## Border

The CSS property to change the border of an element to Hex 6EC5C9 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
#6EC5C9 }
```

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

```
.border{ border-color:#6EC5C9 }
```

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

Here you see how a box with a 4 pixel #6EC5C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EC5C9; -webkit-box-shadow:4px 4px  
4px 4px #6EC5C9; box-shadow:4px 4px 4px  
4px #6EC5C9 }
```

# Background

The CSS property to change the background color of an element to Hex 6EC5C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EC5C9 }
```

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

```
.background{ background-color:#6EC5C9 }
```

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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