

# Converting Colors

Hex(6FC9E2)

Have a look what the booklet for  
Hex(6FC9E2) contains.

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# **Color**

**Hex(6FC9E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FC9E2
RGB	111, 201, 226
RGB Percent	44%, 79%, 89%
CMY	0.5647, 0.2118, 0.1137
CMYK	0.51, 0.11, 0.00, 0.11
HSL	193°, 66%, 66%
HSV	193°, 51%, 89%
XYZ	41.1697, 50.6438, 79.5569
YIQ	176.9400, -61.6650, -11.3050

# Conversions

## Conversions Part 2

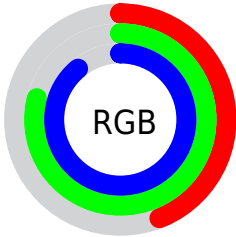
Format	Color
R <sub>Y</sub> B	111, 161, 226
Decimal	7326178
CIE Lab	76.46, -20.23, -20.72
CIE LCh	76, 28.960, 225.677
Yxy	50.6438, 0.2402, 0.2955
Android (android.graphics.Color)	4285516258 (0xFF6FC9E2)
YUV	176.9400, 24.1866, -57.8294
Hunter-Lab	71.1644, -21.2730, -16.4670

# Details

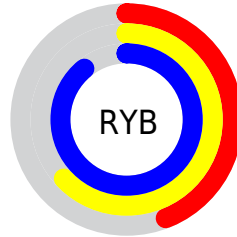
The Hex color **6FC9E2** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E2886F**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **A9FFFF**, and **3093AB** is the 20% darker color. If you saturate the color by 10%, you get **58C4E2**, and if you desaturate by 10%, it is **86CEE2**.

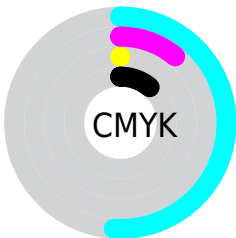
# Distribution



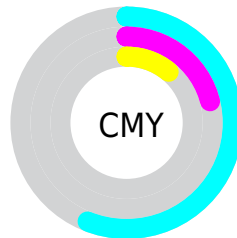
- Red (44%)
- Green (79%)
- Blue (89%)



- Red (44%)
- Yellow (63%)
- Blue (89%)



- Cyan (51%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (56%)
- Magenta (21%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FC9E2 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 6FC9E2 by changing the saturation by 10% instead.



 6FC9E2

 6FC9E2

FFFFFF

 51AEC6

 A9FFFF

 3093AB

 C7FFFF

 007990

 E4FFFF

 006076

 00485E

 003146

 001E2F

 00011B

 000000

■ 6FC9E2

■ 6FC9E2

■ 58C4E2

■ 86CEE2

■ 42BFE2

■ 9CD3E2

■ 2BBAE2

■ B3D8E2

■ 15B5E2

■ C9DDE2

■ 00B1E2

■ E0E2E2

■ F7E6E2

■ FFEBE2

■ FFF0E2

■ FFF5E2

# Harmonies

## Analogous

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



6FCCA



6FC9E2



89C3F0

# Triad

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



6FC9E2



EAAACB



C2BF89

# Complementary

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



6FC9E2



E2886F

# 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.



DCB789



6FC9E2



F3A9AF

# Square

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



6FC9E2



D2B1E2



EDAE97



A3C697

# Rectangle

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



6FC9E2



A2BDF1



EDAE97



CBBD87

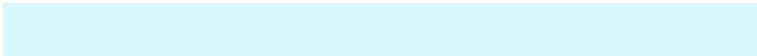


# Sweetspot

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



6FC9E2



D9F7FF



6FE288



697B80



000000



808080



# Same Dimension

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



6FC9E2



63DDFF



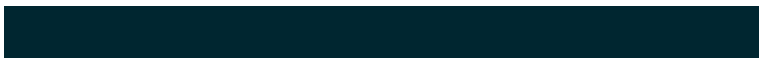
6F90E2



656E70



008AB0



002630



# Inverse Universe

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



E26FC9



FF63DD



E2C16F



70656E



B0008A

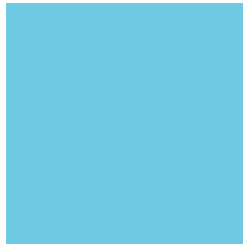


300026



# Previews

## White Background



This preview shows how the Hex color 6FC9E2 looks on a white background.

## Color Contrast Check

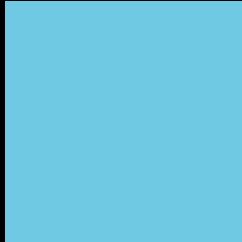
Large Text (above 18pt) WCAG AA × Fail

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 6FC9E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

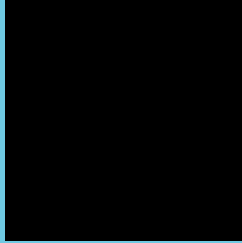
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6FC9E2 Background



This preview shows how black text looks on a background with the Hex color 6FC9E2.



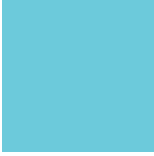
This preview shows how white text looks on a background with the Hex color 6FC9E2.

# 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](#).

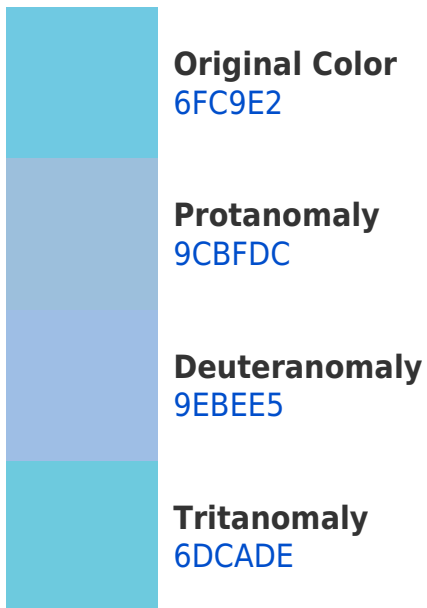
## Dichromacy



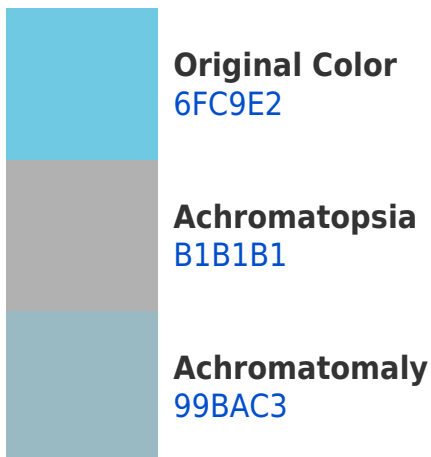


**Tritanopia**  
6CCADB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FC9E2 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 #6FC9E2 looks like.

```
.text, #text, p{  
    color:#6FC9E2  
}
```

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 #6FC9E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FC9E2
}
```

## Border

The CSS property to change the border of an element to Hex 6FC9E2 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
#6FC9E2 }
```

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

```
.border{ border-color:#6FC9E2 }
```

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

Here you see how a box with a 4 pixel #6FC9E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FC9E2; -webkit-box-shadow:4px 4px  
4px 4px #6FC9E2; box-shadow:4px 4px 4px  
4px #6FC9E2 }
```

# Background

The CSS property to change the background color of an element to Hex 6FC9E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FC9E2 }
```

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

```
.background{ background-color:#6FC9E2 }
```

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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