

Converting Colors

Hex(6EC9DA)

Have a look what the booklet for
Hex(6EC9DA) contains.

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Color

Hex(6EC9DA)

Conversions

Conversions Part 1

Format	Color
Hex	6EC9DA
RGB	110, 201, 218
RGB Percent	43%, 79%, 85%
CMY	0.5686, 0.2118, 0.1451
CMYK	0.50, 0.08, 0.00, 0.15
HSL	189°, 59%, 64%
HSV	189°, 50%, 85%
XYZ	39.9719, 50.1502, 73.9029
YIQ	175.7290, -59.6930, -14.0050

Conversions

Conversions Part 2

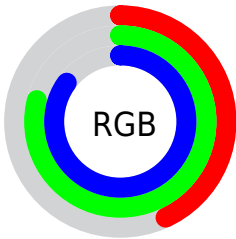
Format	Color
R _{YB}	110, 159, 218
Decimal	7260634
CIE Lab	76.16, -22.64, -16.87
CIE LCh	76, 28.232, 216.683
Yxy	50.1502, 0.2437, 0.3057
Android (android.graphics.Color)	4285450714 (0xFF6EC9DA)
YUV	175.7290, 20.8396, -57.6443
Hunter-Lab	70.8168, -23.1767, -12.3020

Details

The Hex color **6EC9DA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DA7F6E**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **A8FFFF**, and **3093A3** is the 20% darker color. If you saturate the color by 10%, you get **58C6DA**, and if you desaturate by 10%, it is **84CCDA**.

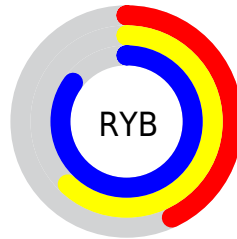
Distribution



Red (43%)

Green (79%)

Blue (85%)



Red (43%)

Yellow (62%)

Blue (85%)

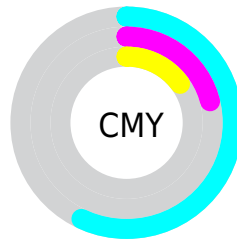


Cyan (50%)

Magenta (8%)

Yellow (0%)

Black (15%)



Cyan (57%)

Magenta (21%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EC9DA 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 6EC9DA by changing the saturation by 10% instead.

 6EC9DA

 6EC9DA

FFFFFF

 50AEBE


 A8FFFF

 3093A3

 C5FFFF

 007989

 E3FFFF

 00606F

 004857

 003140

 001E2A

 000115

 000000

 6EC9DA

 6EC9DA

 58C6DA

 84CCDA

 42C2DA

 9AD0DA

 2DBFDA

 AFD3DA

 17BBDA

 C5D7DA

 01B8DA

 DBDADA

 00B8DA

 F1DEDA

 FFE1DA

 FFE4DA

 FFE8DA

Harmonies

Analogous

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



76CBC1



6EC9DA



81C4EB

Triad

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



6EC9DA



E2ACD1



C9BC88

Complementary

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



6EC9DA



DA7F6E

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.



E0B38D



6EC9DA



F0A9B7

Square

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



6EC9DA



C7B3E6



EEAC9E



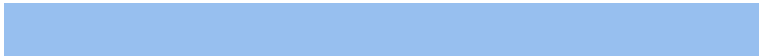
ACC491

Rectangle

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



6EC9DA



97BFEF



EEAC9E



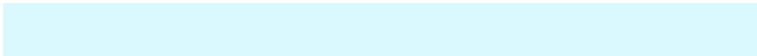
D2B988

Sweetspot

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



6EC9DA



D9F9FF



6EDA7E



697C80



000000



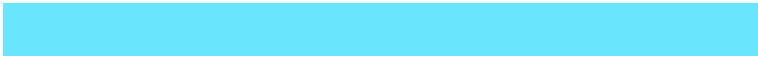
808080

Same Dimension

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



6EC9DA



69E7FF



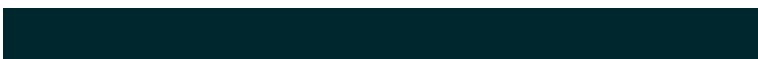
6E94DA



636C6E



0092AD



00272E

Inverse Universe

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



DA6EC9



FF69E7



DAB46E



6E636C



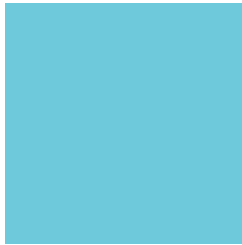
AD0092



2E0027

Previews

White Background



This preview shows how the Hex color 6EC9DA looks on a white background.

Color Contrast Check

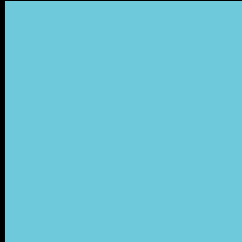
Large Text (above 18pt) WCAG AA × Fail

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 6EC9DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

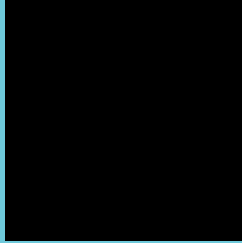
Any Text WCAG AA ✓ Pass

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 6EC9DA Background



This preview shows how black text looks on a background with the Hex color 6EC9DA.

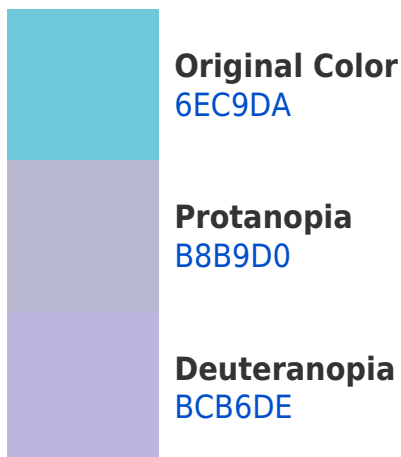


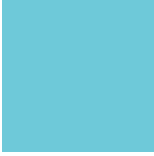
This preview shows how white text looks on a background with the Hex color 6EC9DA.

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](#).

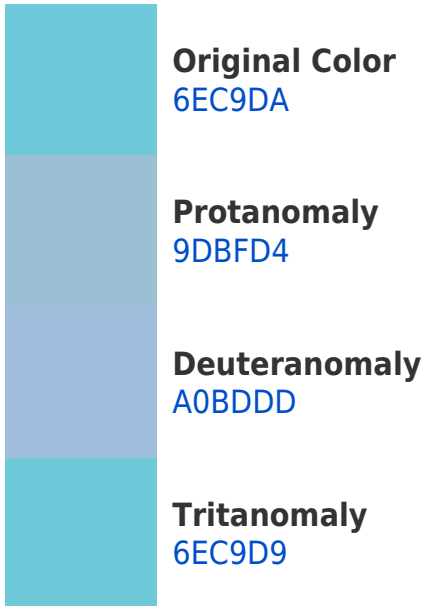
Dichromacy



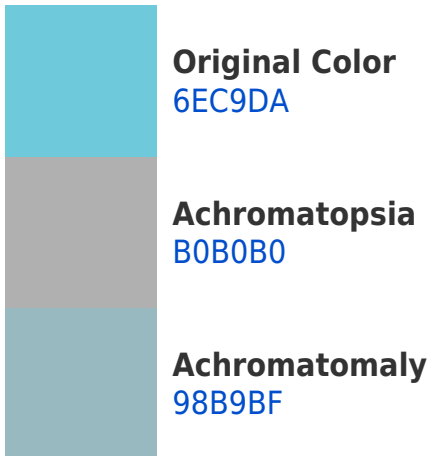


Tritanopia
6EC9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6EC9DA 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 #6EC9DA looks like.

```
.text, #text, p{  
    color:#6EC9DA  
}
```

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 #6EC9DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EC9DA
}
```

Border

The CSS property to change the border of an element to Hex 6EC9DA 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
#6EC9DA }
```

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

```
.border{ border-color:#6EC9DA }
```

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

Here you see how a box with a 4 pixel #6EC9DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EC9DA; -webkit-box-shadow:4px 4px  
4px 4px #6EC9DA; box-shadow:4px 4px 4px  
4px #6EC9DA }
```

Background

The CSS property to change the background color of an element to Hex 6EC9DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EC9DA }
```

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

```
.background{ background-color:#6EC9DA }
```

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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