

Converting Colors

Hex(6EC2D3)

Have a look what the booklet for
Hex(6EC2D3) contains.

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Color

Hex(6EC2D3)

Conversions

Conversions Part 1

Format	Color
Hex	6EC2D3
RGB	110, 194, 211
RGB Percent	43%, 76%, 83%
CMY	0.5686, 0.2392, 0.1725
CMYK	0.48, 0.08, 0.00, 0.17
HSL	190°, 53%, 63%
HSV	190°, 48%, 83%
XYZ	37.4801, 46.6017, 68.6476
YIQ	170.8220, -55.5210, -12.5210

Conversions

Conversions Part 2

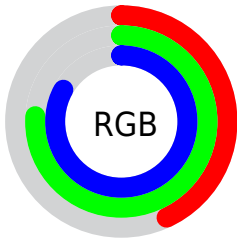
Format	Color
RYB	110, 156, 211
Decimal	7258835
CIELab	73.93, -20.99, -16.44
CIELCh	74, 26.662, 218.058
Yxy	46.6017, 0.2454, 0.3051
Android (android.graphics.Color)	4285448915 (0xFF6EC2D3)
YUV	170.8220, 19.8078, -53.3409
Hunter-Lab	68.2655, -21.4619, -11.8361

Details

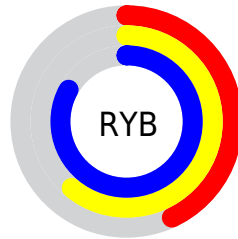
The Hex color **6EC2D3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D37F6E**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A7FBFF**, and **328C9C** is the 20% darker color. If you saturate the color by 10%, you get **59BED3**, and if you desaturate by 10%, it is **83C6D3**.

Distribution



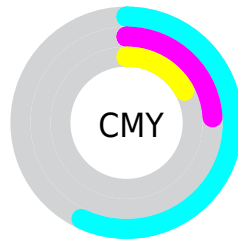
- Red (43%)
- Green (76%)
- Blue (83%)



- Red (43%)
- Yellow (61%)
- Blue (83%)



- Cyan (48%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



- Cyan (57%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EC2D3 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 6EC2D3 by changing the saturation by 10% instead.

 6EC2D3

 6EC2D3

FFFFFF

 51A7B7

 A7FBFF

 328C9C

 C4FFFF

 037382

 E1FFFF

 005A69

 004251

 002C3A

 001824

 00010E

 000000

 6EC2D3

 6EC2D3

 59BED3

 83C6D3

 44BBD3

 98C9D3

 2FB7D3

 ADCDD3

 1AB4D3

 C2D0D3

 05B0D3

 D8D4D3

 00AFD3

 EDD7D3

 FFDBD3

 FFDED3

 FFE2D3

Harmonies

Analogous

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



74C4BC



6EC2D3



80BDE2

Triad

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



6EC2D3



DBA6C9



C1B685

Complementary

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



6EC2D3



D37F6E

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.



D7AE89



6EC2D3



E7A4B0

Square

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



6EC2D3



C2ADDC



E5A799



A6BD8F

Rectangle

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



6EC2D3



95B8E6



E5A799



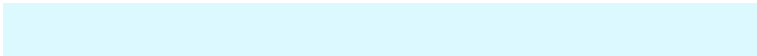
C9B485

Sweetspot

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



6EC2D3



DBF9FF



6ED37F



6A7C80



000000



808080

Same Dimension

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



6EC2D3



6EE7FF



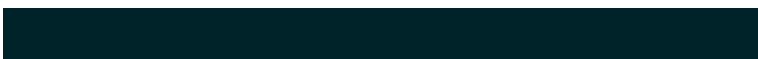
6E90D3



5E6769



008CA8



002229

Inverse Universe

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



D36EC2



FF6EE7



D3B16E



695E67



A8008C



290022

Previews

White Background



This preview shows how the Hex color 6EC2D3 looks on a white background.

Color Contrast Check

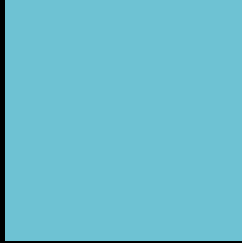
Large Text (above 18pt) WCAG AA × Fail

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 6EC2D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

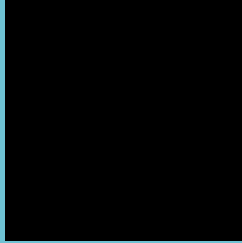
Any Text WCAG AA ✓ Pass

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 6EC2D3 Background



This preview shows how black text looks on a background with the Hex color 6EC2D3.

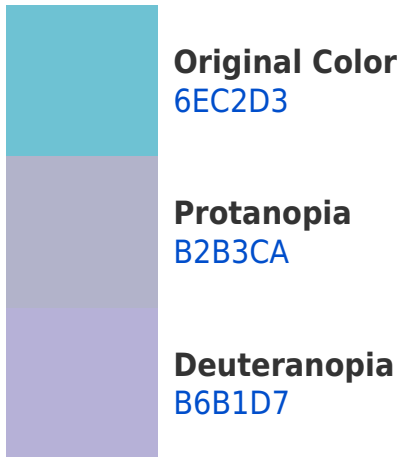


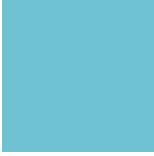
This preview shows how white text looks on a background with the Hex color 6EC2D3.

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](#).

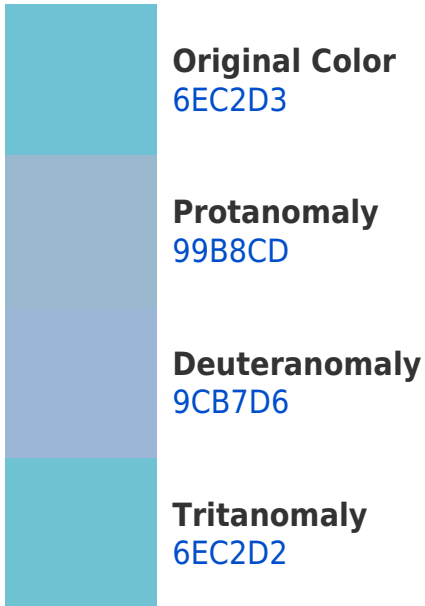
Dichromacy



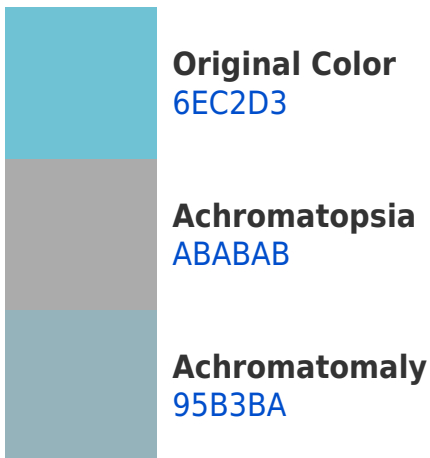


Tritanopia
6EC2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6EC2D3 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 #6EC2D3 looks like.

```
.text, #text, p{  
    color:#6EC2D3  
}
```

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 #6EC2D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EC2D3
}
```

Border

The CSS property to change the border of an element to Hex 6EC2D3 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
#6EC2D3 }
```

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

```
.border{ border-color:#6EC2D3 }
```

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

Here you see how a box with a 4 pixel #6EC2D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EC2D3; -webkit-box-shadow:4px 4px  
4px 4px #6EC2D3; box-shadow:4px 4px 4px  
4px #6EC2D3 }
```

Background

The CSS property to change the background color of an element to Hex 6EC2D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EC2D3 }
```

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

```
.background{ background-color:#6EC2D3 }
```

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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