

Converting Colors

Hex(6EC0B8)

Have a look what the booklet for
Hex(6EC0B8) contains.

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Color

Hex(6EC0B8)

Conversions

Conversions Part 1

Format	Color
Hex	6EC0B8
RGB	110, 192, 184
RGB Percent	43%, 75%, 72%
CMY	0.5686, 0.2471, 0.2784
CMYK	0.43, 0.00, 0.04, 0.25
HSL	174°, 39%, 59%
HSV	174°, 43%, 75%
XYZ	33.9318, 44.4750, 52.1435
YIQ	166.5700, -46.3040, -19.8720

Conversions

Conversions Part 2

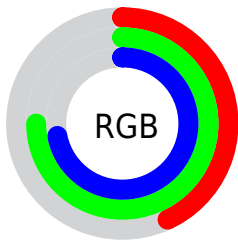
Format	Color
RYB	110, 153, 192
Decimal	7258296
CIELab	72.54, -26.96, -3.81
CIELCh	73, 27.228, 188.046
Yxy	44.4750, 0.2599, 0.3407
Android (android.graphics.Color)	4285448376 (0xFF6EC0B8)
YUV	166.5700, 8.5930, -49.6119
Hunter-Lab	66.6896, -25.8856, 0.3247

Details

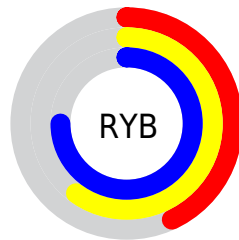
The Hex color **6EC0B8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C06E76**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A6F9F0**, and **368A83** is the 20% darker color. If you saturate the color by 10%, you get **5BC0B6**, and if you desaturate by 10%, it is **81C0BA**.

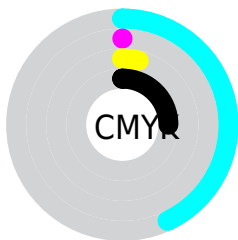
Distribution



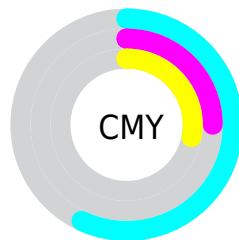
- Red (43%)
- Green (75%)
- Blue (72%)



- Red (43%)
- Yellow (60%)
- Blue (75%)



- Cyan (43%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)



- Cyan (57%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EC0B8 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 6EC0B8 by changing the saturation by 10% instead.

 6EC0B8

 6EC0B8

FFFFFF

 52A59D

 A6F9F0

 368A83

 C2FFFF

 13706A

 DFFFFF

 005852

FDFFFF

 00403B

 002925

 001111

 000000

 6EC0B8

 6EC0B8

 5BC0B6

 81C0BA

 48C0B4

 94C0BC

 34C0B2

 A8C0BE

 21C0B1

 BBC0BF

 0EC0AF

 CEC0C1

 00C0AD

 E1C0C3

 F4C0C5

 FFC0C7

 FFC0C9

Harmonies

Analogous

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



85BE9F



6EC0B8



68BED0

Triad

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



6EC0B8



BEA9D9



D4AA84

Complementary

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



6EC0B8



C06E76

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.



E2A394



6EC0B8



D8A2C5

Square

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



6EC0B8



9CB2E3



E4A0AC



BDB381

Rectangle

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



6EC0B8



72BCDB



E4A0AC



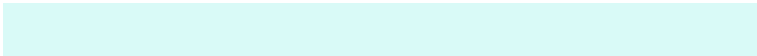
DAA789

Sweetspot

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



6EC0B8



D9FAF7



76C06E



697D7B



FCFCFC



7D7D7D

Same Dimension

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



6EC0B8



7AFAED



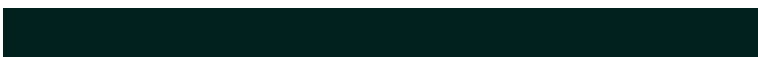
6E9FC0



576160



00A191



00211E

Inverse Universe

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



C06E76



FA7A87



C08F6E



615758



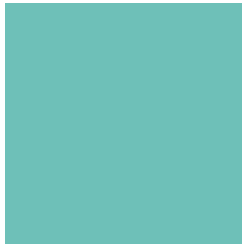
A10010



210003

Previews

White Background



This preview shows how the Hex color 6EC0B8 looks on a white background.

Color Contrast Check

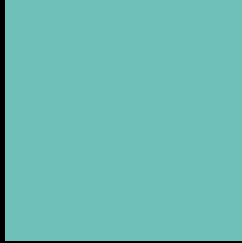
Large Text (above 18pt) WCAG AA × Fail

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 6EC0B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

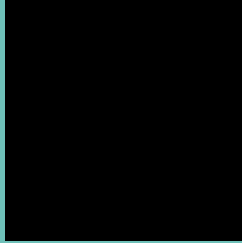
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

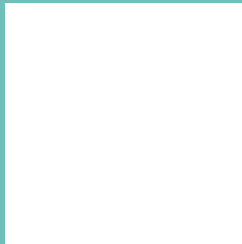
Any Text WCAG AAA ✓ Pass

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

Hex 6EC0B8 Background



This preview shows how black text looks on a background with the Hex color 6EC0B8.



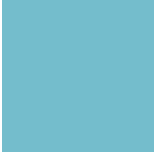
This preview shows how white text looks on a background with the Hex color 6EC0B8.

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





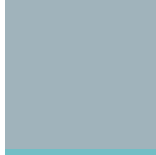
Trichromacy



Original Color
6EC0B8



Protanomaly
9BB6B2



Deuteranomaly
A0B3BB

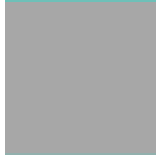


Tritanomaly
72BEC5

Monochromacy



Original Color
6EC0B8



Achromatopsia
A7A7A7



Achromatomaly
92B0AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 6EC0B8 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 #6EC0B8 looks like.

```
.text, #text, p{  
    color:#6EC0B8  
}
```

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 #6EC0B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EC0B8
}
```

Border

The CSS property to change the border of an element to Hex 6EC0B8 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
#6EC0B8 }
```

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

```
.border{ border-color:#6EC0B8 }
```

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

Here you see how a box with a 4 pixel #6EC0B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EC0B8; -webkit-box-shadow:4px 4px  
4px 4px #6EC0B8; box-shadow:4px 4px 4px  
4px #6EC0B8 }
```

Background

The CSS property to change the background color of an element to Hex 6EC0B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EC0B8 }
```

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

```
.background{ background-color:#6EC0B8 }
```

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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