

Converting Colors

Hex(6EC2B0)

Have a look what the booklet for
Hex(6EC2B0) contains.

Hex(6EC2B0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6EC2B0)

Conversions

Conversions Part 1

Format	Color
Hex	6EC2B0
RGB	110, 194, 176
RGB Percent	43%, 76%, 69%
CMY	0.5686, 0.2392, 0.3098
CMYK	0.43, 0.00, 0.09, 0.24
HSL	167°, 41%, 60%
HSV	167°, 43%, 76%
XYZ	33.5587, 45.0332, 47.9978
YIQ	166.8320, -44.2860, -23.4060

Conversions

Conversions Part 2

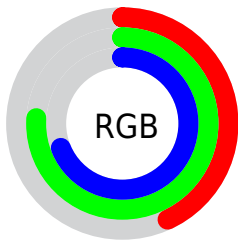
Format	Color
RYB	110, 157, 194
Decimal	7258800
CIELab	72.91, -29.86, 1.09
CIElCh	73, 29.875, 177.915
Yxy	45.0332, 0.2651, 0.3557
Android (android.graphics.Color)	4285448880 (0xFF6EC2B0)
YUV	166.8320, 4.5198, -49.8417
Hunter-Lab	67.1067, -28.1727, 4.5678

Details

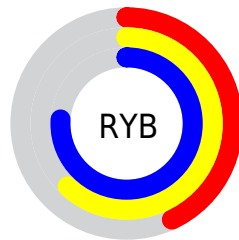
The Hex color **6EC2B0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C26E80**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A6FBE8**, and **368C7C** is the 20% darker color. If you saturate the color by 10%, you get **5BC2AC**, and if you desaturate by 10%, it is **81C2B4**.

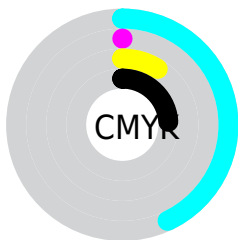
Distribution



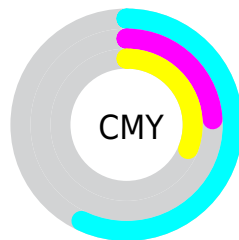
- Red (43%)
- Green (76%)
- Blue (69%)



- Red (43%)
- Yellow (62%)
- Blue (76%)



- Cyan (43%)
- Magenta (0%)
- Yellow (9%)
- Black (24%)



- Cyan (57%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EC2B0 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 6EC2B0 by changing the saturation by 10% instead.

 6EC2B0

 6EC2B0

FFFFFF

 52A795

 A6FBE8

 368C7C

 C2FFFF

 147263

 DFFFFF

 00594B

 FCFFFF

 004134

 002A1F

 001207

 000000

 6EC2B0

 6EC2B0

 5BC2AC

 81C2B4

 47C2A8

 95C2B8

 34C2A4

 A8C2BC

 20C29F

 BCC2C1

 0DC29B

 CFC2C5

 00C298

 E2C2C9

 F6C2CD

 FFC2D1

 FFC2D5

Harmonies

Analogous

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



8CBF95



6EC2B0



5DC2CC

Triad

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



6EC2B0



B4ADE3



DEA786

Complementary

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



6EC2B0



C26E80

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.



E9A09B



6EC2B0



D4A4D0

Square

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



6EC2B0



8DB6E9



E69FB6



C8B17C

Rectangle

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



6EC2B0



62BFDB



E69FB6



E3A58C

Sweetspot

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



6EC2B0



DCFCF5



80C26E



6B807B



000000



808080

Same Dimension

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



6EC2B0



79FCE0



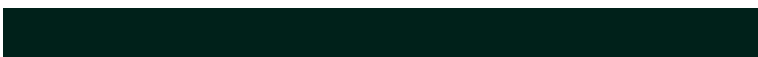
6EAAC2



57615F



00A17E



00211A

Inverse Universe

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



C26E80



FC7995



C2866E



615759



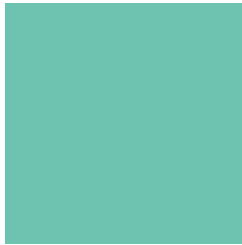
A10022



210007

Previews

White Background



This preview shows how the Hex color 6EC2B0 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 6EC2B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

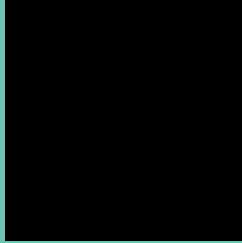
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

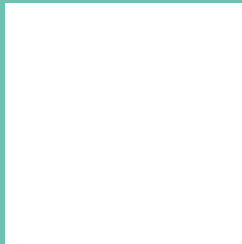
Any Text WCAG AAA ✓ Pass

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

Hex 6EC2B0 Background



This preview shows how black text looks on a background with the Hex color 6EC2B0.

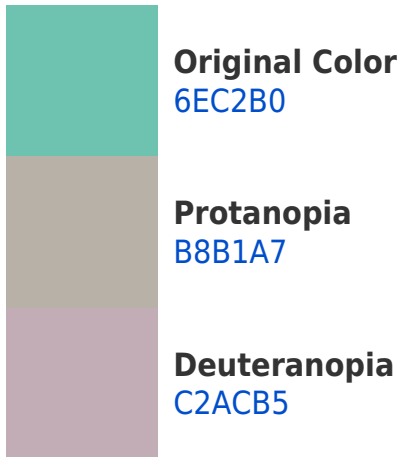


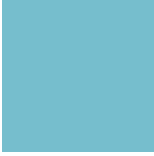
This preview shows how white text looks on a background with the Hex color 6EC2B0.

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
76BECD

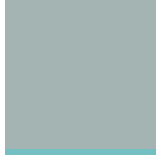
Trichromacy



Original Color
6EC2B0



Protanomaly
9DB7AA



Deuteranomaly
A3B4B3

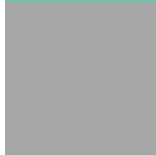


Tritanomaly
73BFC2

Monochromacy



Original Color
6EC2B0



Achromatopsia
A7A7A7



Achromatomaly
92B1AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 6EC2B0 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 #6EC2B0 looks like.

```
.text, #text, p{  
    color:#6EC2B0  
}
```

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 #6EC2B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EC2B0
}
```

Border

The CSS property to change the border of an element to Hex 6EC2B0 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
#6EC2B0 }
```

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

```
.border{ border-color:#6EC2B0 }
```

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

Here you see how a box with a 4 pixel #6EC2B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EC2B0; -webkit-box-shadow:4px 4px  
4px 4px #6EC2B0; box-shadow:4px 4px 4px  
4px #6EC2B0 }
```

Background

The CSS property to change the background color of an element to Hex 6EC2B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EC2B0 }
```

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

```
.background{ background-color:#6EC2B0 }
```

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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