

Converting Colors

Hex(6EC4B2)

Have a look what the booklet for
Hex(6EC4B2) contains.

Hex(6EC4B2)	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(6EC4B2)

Conversions

Conversions Part 1

Format	Color
Hex	6EC4B2
RGB	110, 196, 178
RGB Percent	43%, 77%, 70%
CMY	0.5686, 0.2314, 0.3020
CMYK	0.44, 0.00, 0.09, 0.23
HSL	167°, 42%, 60%
HSV	167°, 44%, 77%
XYZ	34.2062, 46.0092, 49.1973
YIQ	168.2340, -45.4780, -23.8300

Conversions

Conversions Part 2

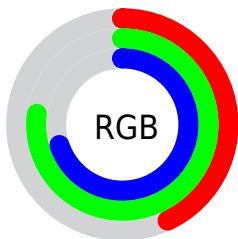
Format	Color
RYB	110, 158, 196
Decimal	7259314
CIELab	73.55, -30.35, 0.93
CIElCh	74, 30.360, 178.246
Yxy	46.0092, 0.2643, 0.3555
Android (android.graphics.Color)	4285449394 (0xFF6EC4B2)
YUV	168.2340, 4.8146, -51.0712
Hunter-Lab	67.8301, -28.6864, 4.4779

Details

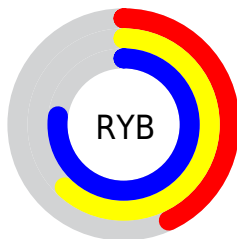
The Hex color **6EC4B2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C46E80**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **A6FDEA**, and **368E7D** is the 20% darker color. If you saturate the color by 10%, you get **5AC4AE**, and if you desaturate by 10%, it is **82C4B6**.

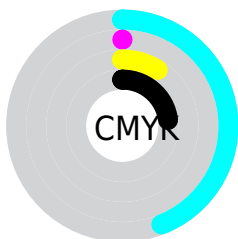
Distribution



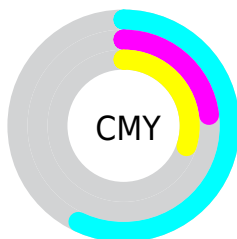
- Red (43%)
- Green (77%)
- Blue (70%)



- Red (43%)
- Yellow (62%)
- Blue (77%)



- Cyan (44%)
- Magenta (0%)
- Yellow (9%)
- Black (23%)



- Cyan (57%)
- Magenta (23%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EC4B2 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 6EC4B2 by changing the saturation by 10% instead.



6EC4B2



6EC4B2

FFFFFF



52A997



A6FDEA



368E7D



C2FFFF



127465



DFFFFFF



005B4D



FDFFFF



004336



002C21



00150A



000000



6EC4B2



6EC4B2

 5AC4AE

 82C4B6

 47C4AA

 95C4BA

 33C4A6

 A9C4BE

 20C4A2

 BCC4C2

 0CC49D

 D0C4C7

 00C49B

 E4C4CB

 F7C4CF

 FFC4D3

 FFC4D7

Harmonies

Analogous

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



8CC197



6EC4B2



5DC3CE

Triad

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



6EC4B2



B7AEE6



E0A986

Complementary

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



6EC4B2



C46E80

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.



ECA29C



6EC4B2



D7A5D2

Square

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



6EC4B2



8EB8EC



E9A0B7



CAB27D

Rectangle

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



6EC4B2



62C1DD



E9A0B7



E6A68C

Sweetspot

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



6EC4B2



DEFFF8



81C46E



6B807B



000000



808080

Same Dimension

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



6EC4B2



78FFE3



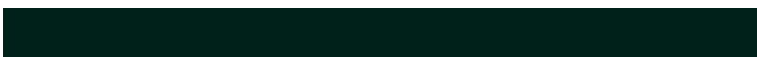
6EACC4



57615F



00A17F



00211A

Inverse Universe

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



C46E80



FF7894



C4866E



615759



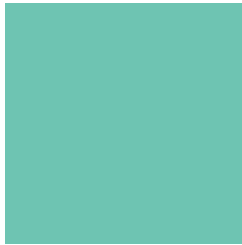
A10022



210007

Previews

White Background



This preview shows how the Hex color 6EC4B2 looks on a white background.

Color Contrast Check

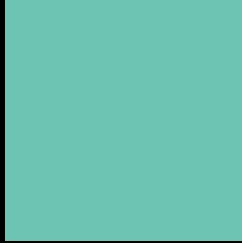
Large Text (above 18pt) WCAG AA × Fail

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 6EC4B2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

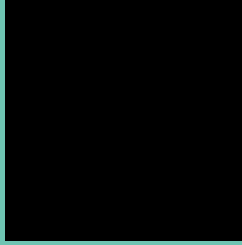
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

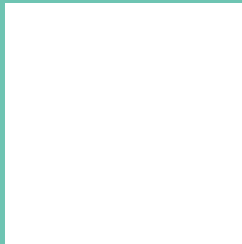
Any Text WCAG AAA ✓ Pass

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

Hex 6EC4B2 Background



This preview shows how black text looks on a background with the Hex color 6EC4B2.

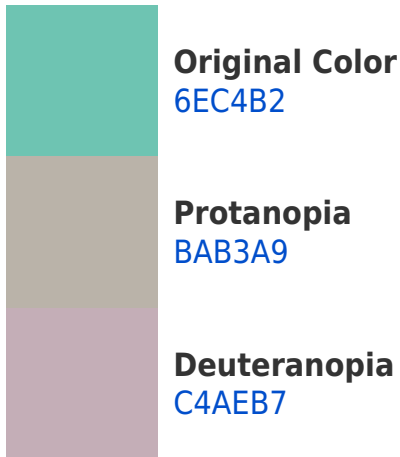


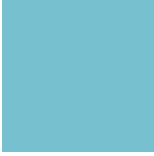
This preview shows how white text looks on a background with the Hex color 6EC4B2.

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
76C0CF

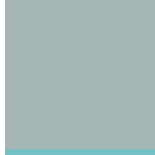
Trichromacy



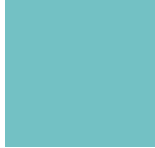
Original Color
6EC4B2



Protanomaly
9EB9AC



Deuteranomaly
A5B6B5

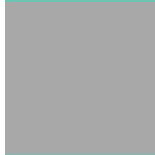


Tritanomaly
73C1C4

Monochromacy



Original Color
6EC4B2



Achromatopsia
A8A8A8



Achromatomaly
93B2AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 6EC4B2 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 #6EC4B2 looks like.

```
.text, #text, p{  
    color:#6EC4B2  
}
```

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 #6EC4B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EC4B2
}
```

Border

The CSS property to change the border of an element to Hex 6EC4B2 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
#6EC4B2 }
```

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

```
.border{ border-color:#6EC4B2 }
```

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

Here you see how a box with a 4 pixel #6EC4B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EC4B2; -webkit-box-shadow:4px 4px  
4px 4px #6EC4B2; box-shadow:4px 4px 4px  
4px #6EC4B2 }
```

Background

The CSS property to change the background color of an element to Hex 6EC4B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EC4B2 }
```

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

```
.background{ background-color:#6EC4B2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor