

Converting Colors

Hex(6EB6A2)

Have a look what the booklet for
Hex(6EB6A2) contains.

Hex(6EB6A2)	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(6EB6A2)

Conversions

Conversions Part 1

Format	Color
Hex	6EB6A2
RGB	110, 182, 162
RGB Percent	43%, 71%, 64%
CMY	0.5686, 0.2863, 0.3647
CMYK	0.40, 0.00, 0.11, 0.29
HSL	163°, 33%, 57%
HSV	163°, 40%, 71%
XYZ	29.6799, 39.3795, 40.2191
YIQ	158.1920, -36.4920, -21.4840

Conversions

Conversions Part 2

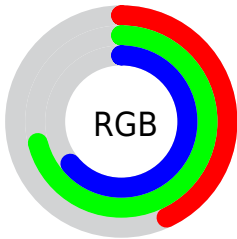
Format	Color
RYB	110, 152, 182
Decimal	7255714
CIELab	69.03, -27.27, 3.09
CIElCh	69, 27.446, 173.526
Yxy	39.3795, 0.2716, 0.3604
Android (android.graphics.Color)	4285445794 (0xFF6EB6A2)
YUV	158.1920, 1.8773, -42.2644
Hunter-Lab	62.7531, -25.3939, 5.9276

Details

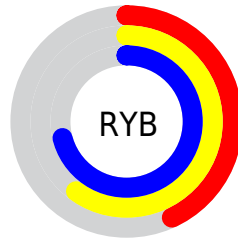
The Hex color **6EB6A2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B66E82**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **A4EED9**, and **39816E** is the 20% darker color. If you saturate the color by 10%, you get **5CB69D**, and if you desaturate by 10%, it is **80B6A7**.

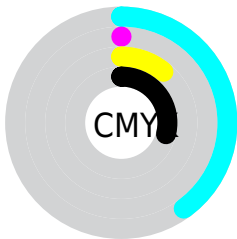
Distribution



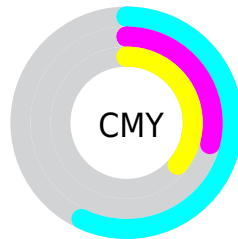
- Red (43%)
- Green (71%)
- Blue (64%)



- Red (43%)
- Yellow (60%)
- Blue (71%)



- Cyan (40%)
- Magenta (0%)
- Yellow (11%)
- Black (29%)



- Cyan (57%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EB6A2 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 6EB6A2 by changing the saturation by 10% instead.



6EB6A2



6EB6A2

FFFFFF



539B88



A4EED9



39816E



C1FFF5



1C6756



DDFFFF



004F3F



FAFFFF



003729



002315



000000



6EB6A2



6EB6A2



5CB69D



80B6A7

 4AB698

 92B6AC

 37B693

 A5B6B1

 25B68E

 B7B6B6

 13B689

 C9B6BB

 01B684

 DBB6C0

 00B683

 EDB6C5

 FFB6CA

 FFB6D0

Harmonies

Analogous

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



89B38A



6EB6A2



5DB6BB

Triad

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



6EB6A2



A5A4D6



D29D81

Complementary

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



6EB6A2



B66E82

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.



DB9796



6EB6A2



C39CC6

Square

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



6EB6A2



81ACD9



D697AF



BFA577

Rectangle

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



6EB6A2



5EB4CA



D697AF



D69A87

Sweetspot

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



6EB6A2



D1EDE5



82B66E



677873



F7F7F7



787878

Same Dimension

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



6EB6A2



7EEDCE



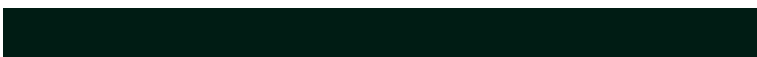
6EA6B6



535C59



009C70



001C14

Inverse Universe

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



B66E82



ED7E9D



B67E6E



5C5355



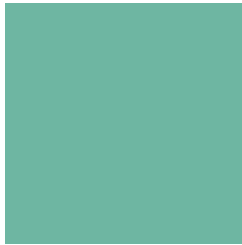
9C002B



1C0008

Previews

White Background



This preview shows how the Hex color 6EB6A2 looks on a white background.

Color Contrast Check

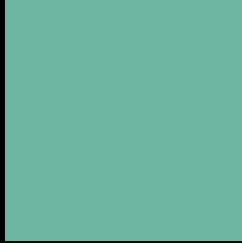
Large Text (above 18pt) WCAG AA × Fail

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 6EB6A2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

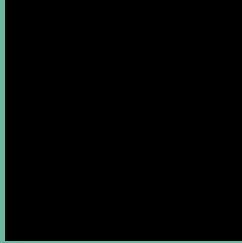
Any Text WCAG AA ✓ Pass

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 6EB6A2 Background



This preview shows how black text looks on a background with the Hex color 6EB6A2.



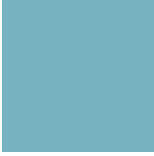
This preview shows how white text looks on a background with the Hex color 6EB6A2.

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
76B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6EB6A2 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 #6EB6A2 looks like.

```
.text, #text, p{  
    color:#6EB6A2  
}
```

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 #6EB6A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EB6A2
}
```

Border

The CSS property to change the border of an element to Hex 6EB6A2 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
#6EB6A2 }
```

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

```
.border{ border-color:#6EB6A2 }
```

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

Here you see how a box with a 4 pixel #6EB6A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EB6A2; -webkit-box-shadow:4px 4px  
4px 4px #6EB6A2; box-shadow:4px 4px 4px  
4px #6EB6A2 }
```

Background

The CSS property to change the background color of an element to Hex 6EB6A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EB6A2 }
```

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

```
.background{ background-color:#6EB6A2 }
```

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