

Converting Colors

Hex(6EBC96)

Have a look what the booklet for
Hex(6EBC96) contains.

Hex(6EBC96)	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(6EBC96)

Conversions

Conversions Part 1

Format	Color
Hex	6EBC96
RGB	110, 188, 150
RGB Percent	43%, 74%, 59%
CMY	0.5686, 0.2627, 0.4118
CMYK	0.41, 0.00, 0.20, 0.26
HSL	151°, 37%, 58%
HSV	151°, 41%, 74%
XYZ	29.9186, 41.4834, 35.2844
YIQ	160.3460, -34.2900, -28.3540

Conversions

Conversions Part 2

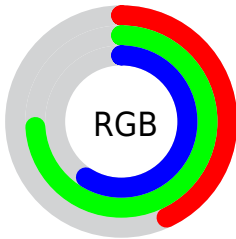
Format	Color
RYB	110, 162, 188
Decimal	7257238
CIELab	70.51, -32.78, 11.79
CIELCh	71, 34.833, 160.221
Yxy	41.4834, 0.2804, 0.3888
Android (android.graphics.Color)	4285447318 (0xFF6EBC96)
YUV	160.3460, -5.1006, -44.1534
Hunter-Lab	64.4076, -29.7965, 12.6046

Details

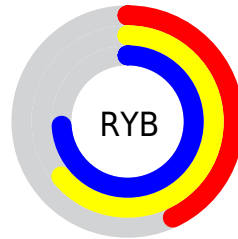
The Hex color **6EBC96** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BC6E94**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **A5F5CC**, and **388663** is the 20% darker color. If you saturate the color by 10%, you get **5BBC8D**, and if you desaturate by 10%, it is **81BC9F**.

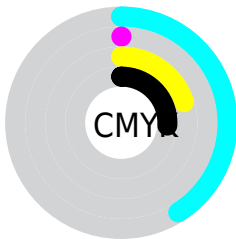
Distribution



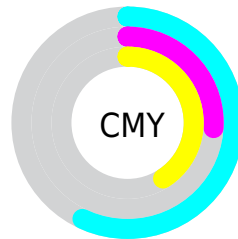
- Red (43%)
- Green (74%)
- Blue (59%)



- Red (43%)
- Yellow (64%)
- Blue (74%)



- Cyan (41%)
- Magenta (0%)
- Yellow (20%)
- Black (26%)



- Cyan (57%)
- Magenta (26%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EBC96 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 6EBC96 by changing the saturation by 10% instead.



6EBC96



6EBC96

FFFFFF



53A17C



A5F5CC



388663



C1FFE8



1A6C4B



DEFFFF



005434



FBFFFF



003C1F



002608



000400



000000



6EBC96



6EBC96

 5BBC8D

 81BC9F

 48BC84

 94BCA8

 36BC7B

 A6BCB1

 23BC71

 B9BCBB

 10BC68

 CCBCC4

 00BC60

 DFBCCD

 F2BCD6

 FFBCDF

 FFBC E8

Harmonies

Analogous

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



94B77B



6EBC96



48BEB7

Triad

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



6EBC96



92ACEA



E79985

Complementary

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



6EBC96



BC6E94

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.



EB94A3



6EBC96



BEA0DD

Square

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



6EBC96



5FB6E7



DD97C3



D4A371

Rectangle

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



6EBC96



39BDCB



DD97C3



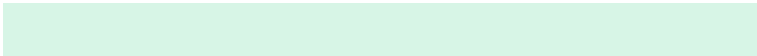
EA978E

Sweetspot

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



6EBC96



D7F5E6



95BC6E



697A72



FAFAFA



7A7A7A

Same Dimension

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



6EBC96



7AF5B9



6EBCBC



555E5A



009E51



001F10

Inverse Universe

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



BC6E94



F57AB6



BC6E6E



5E555A



9E004D



1F000F

Previews

White Background



This preview shows how the Hex color 6EBC96 looks on a white background.

Color Contrast Check

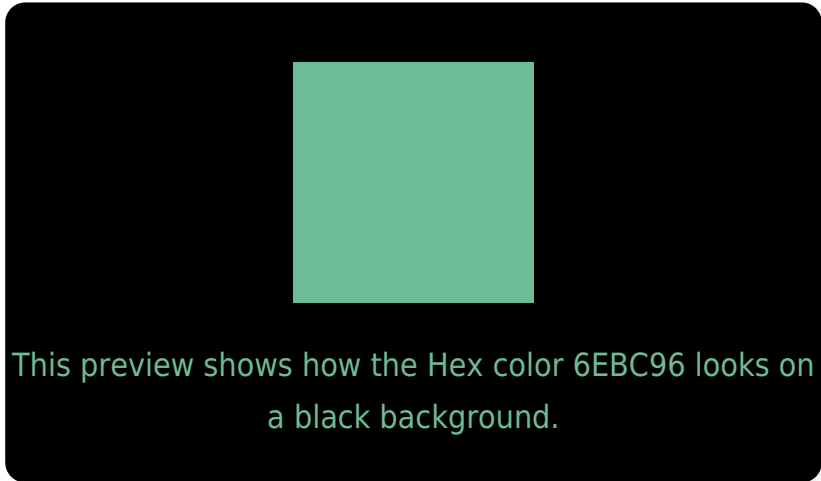
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

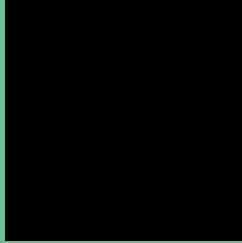
Any Text WCAG AA ✓ Pass

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 6EBC96 Background



This preview shows how black text looks on a background with the Hex color 6EBC96.

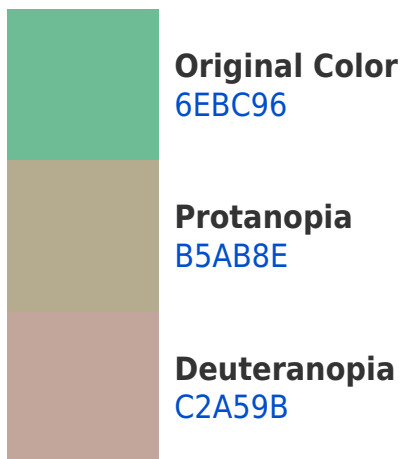


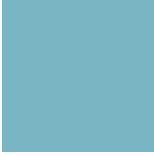
This preview shows how white text looks on a background with the Hex color 6EBC96.

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](#).

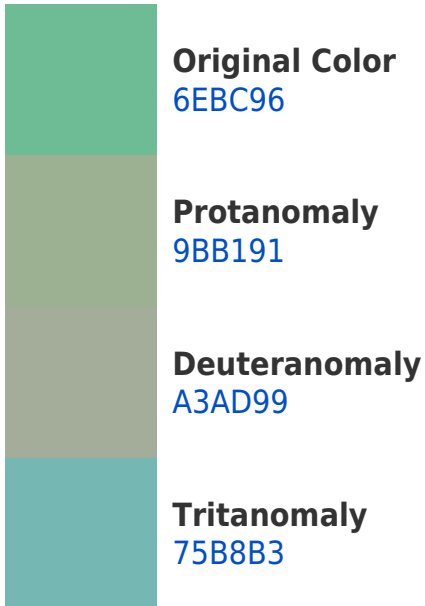
Dichromacy



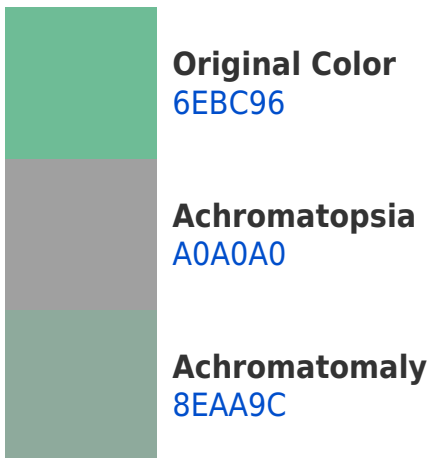


Tritanopia
79B6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6EBC96 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 #6EBC96 looks like.

```
.text, #text, p{  
    color:#6EBC96  
}
```

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 #6EBC96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EBC96
}
```

Border

The CSS property to change the border of an element to Hex 6EBC96 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
#6EBC96 }
```

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

```
.border{ border-color:#6EBC96 }
```

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

Here you see how a box with a 4 pixel #6EBC96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EBC96; -webkit-box-shadow:4px 4px  
4px 4px #6EBC96; box-shadow:4px 4px 4px  
4px #6EBC96 }
```

Background

The CSS property to change the background color of an element to Hex 6EBC96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EBC96 }
```

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

```
.background{ background-color:#6EBC96 }
```

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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