

Converting Colors

Hex(6AC496)

Have a look what the booklet for
Hex(6AC496) contains.

Hex(6AC496)	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(6AC496)

Conversions

Conversions Part 1

Format	Color
Hex	6AC496
RGB	106, 196, 150
RGB Percent	42%, 77%, 59%
CMY	0.5843, 0.2314, 0.4118
CMYK	0.46, 0.00, 0.23, 0.23
HSL	149°, 43%, 59%
HSV	149°, 46%, 77%
XYZ	31.1888, 44.7460, 35.8472
YIQ	163.8460, -38.8740, -33.3860

Conversions

Conversions Part 2

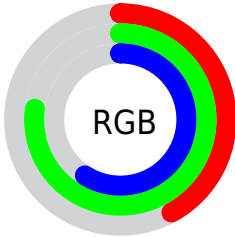
Format	Color
RYB	106, 166, 196
Decimal	6997142
CIELab	72.72, -37.56, 14.87
CIELCh	73, 40.399, 158.399
Yxy	44.7460, 0.2790, 0.4003
Android (android.graphics.Color)	4285187222 (0xFF6AC496)
YUV	163.8460, -6.8261, -50.7309
Hunter-Lab	66.8925, -33.8357, 15.0517

Details

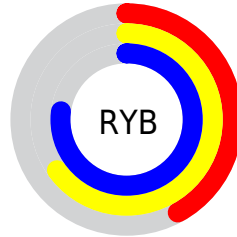
The Hex color **6AC496** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C46A98**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **A2FDCC**, and **318E63** is the 20% darker color. If you saturate the color by 10%, you get **56C48C**, and if you desaturate by 10%, it is **7EC4A0**.

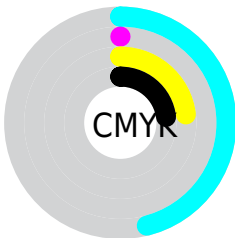
Distribution



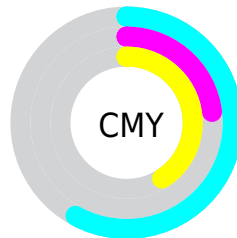
- Red (42%)
- Green (77%)
- Blue (59%)



- Red (42%)
- Yellow (65%)
- Blue (77%)



- Cyan (46%)
- Magenta (0%)
- Yellow (23%)
- Black (23%)



- Cyan (58%)
- Magenta (23%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AC496 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 6AC496 by changing the saturation by 10% instead.



6AC496



6AC496

FFFFFF



4EA87C



A2FDCC



318E63



BEFFE8



0C744B



DBFFFF



005A34



F8FFFF



00421F



002B08



001100



000000



6AC496




6AC496

 56C48C

 7EC4A0

 43C482

 91C4AA

 2FC478

 A5C4B4

 1CC46E

 B8C4BE

 08C464

 CCC4C8

 00C460

 E0C4D2

 F3C4DC

 FFC4E6

 FFC4F0

Harmonies

Analogous

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



98BE77



6AC496



30C6BC

Triad

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



6AC496



8DB3FB



F69B86

Complementary

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



6AC496



C46A98

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.



FA95A9



6AC496



C4A5ED

Square

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



6AC496



49BEF6



E999CE



E1A76E

Rectangle

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



6AC496



00C5D4



E999CE



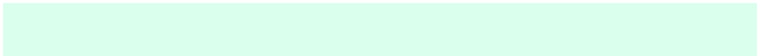
F99891

Sweetspot

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



6AC496



DBFFED



99C46A



6A8074



000000



808080

Same Dimension

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



6AC496



73FFB7



6AC4C3



57615C



00A14F



002110

Inverse Universe

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



C46A98



FF73BA



C46A6C



61575C



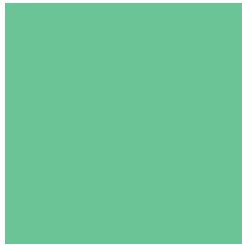
A10052



210011

Previews

White Background



This preview shows how the Hex color 6AC496 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 6AC496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

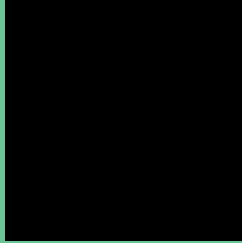
Any Text WCAG AA ✓ Pass

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 6AC496 Background



This preview shows how black text looks on a background with the Hex color 6AC496.

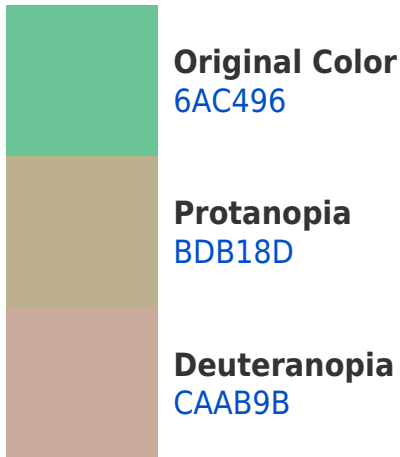


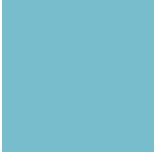
This preview shows how white text looks on a background with the Hex color 6AC496.

Color Blindness Simulation

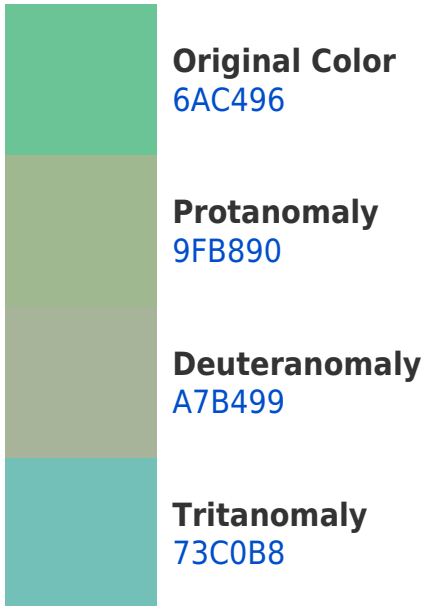
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

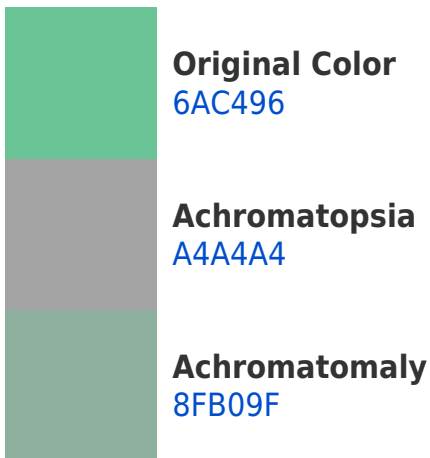




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AC496 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 #6AC496 looks like.

```
.text, #text, p{  
    color:#6AC496  
}
```

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 #6AC496 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AC496
}
```

Border

The CSS property to change the border of an element to Hex 6AC496 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
#6AC496 }
```

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

```
.border{ border-color:#6AC496 }
```

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

Here you see how a box with a 4 pixel #6AC496 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AC496; -webkit-box-shadow:4px 4px  
4px 4px #6AC496; box-shadow:4px 4px 4px  
4px #6AC496 }
```

Background

The CSS property to change the background color of an element to Hex 6AC496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AC496 }
```

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

```
.background{ background-color:#6AC496 }
```

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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