

Converting Colors

Hex(6BB496)

Have a look what the booklet for
Hex(6BB496) contains.

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Color

Hex(6BB496)

Conversions

Conversions Part 1

Format	Color
Hex	6BB496
RGB	107, 180, 150
RGB Percent	42%, 71%, 59%
CMY	0.5804, 0.2941, 0.4118
CMYK	0.41, 0.00, 0.17, 0.29
HSL	155°, 33%, 56%
HSV	155°, 41%, 71%
XYZ	27.8897, 37.9703, 34.7132
YIQ	154.7530, -33.8780, -24.8060

Conversions

Conversions Part 2

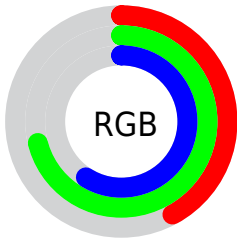
Format	Color
RYB	107, 153, 180
Decimal	7058582
CIELab	68.00, -29.81, 8.20
CIELCh	68, 30.915, 164.625
Yxy	37.9703, 0.2773, 0.3775
Android (android.graphics.Color)	4285248662 (0xFF6BB496)
YUV	154.7530, -2.3432, -41.8794
Hunter-Lab	61.6201, -27.0447, 9.7334

Details

The Hex color **6BB496** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B46B89**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A1ECCC**, and **367F63** is the 20% darker color. If you saturate the color by 10%, you get **59B48F**, and if you desaturate by 10%, it is **7DB49D**.

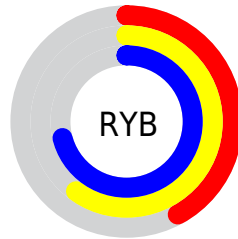
Distribution



Red (42%)

Green (71%)

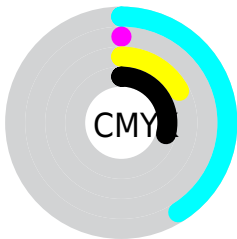
Blue (59%)



Red (42%)

Yellow (60%)

Blue (71%)

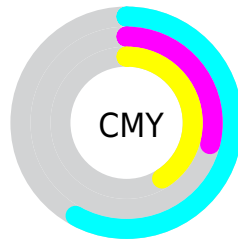


Cyan (41%)

Magenta (0%)

Yellow (17%)

Black (29%)



Cyan (58%)

Magenta (29%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BB496 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 6BB496 by changing the saturation by 10% instead.



6BB496



6BB496

FFFFFF



50997C



A1ECCC



367F63



BDFFE8



18654B



DAFFFF



004D35



F7FFFF



00351F



002208



000000



6BB496



6BB496



59B48F



7DB49D

 47B487


 8FB4A5

 35B480

 A1B4AC

 23B478

 B3B4B4

 11B471

 C5B4BB

 00B46A

 D7B4C2

 E9B4CA

 FBB4D1

 FFB4D9

Harmonies

Analogous

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



8CB07D



6BB496



4FB5B3

Triad

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



6BB496



95A4DB



D89680

Complementary

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



6BB496



B46B89

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.



DD9199



6BB496



BB9ACE

Square

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



6BB496



6BADDB



D492B5



C69F70

Rectangle

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



6BB496



48B4C4



D492B5



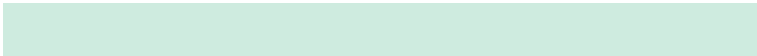
DB9487

Sweetspot

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



6BB496



CEEEDF



89B46B



65756F



F5F5F5



757575

Same Dimension

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



6BB496



78EBBB



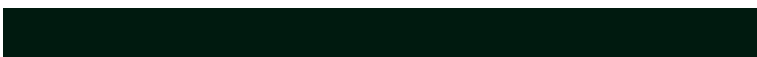
6BAEB4



505956



00995A



001A0F

Inverse Universe

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



B46B89



EB78A7



B4716B



595054



99003F



1A000A

Previews

White Background



This preview shows how the Hex color 6BB496 looks on a white background.

Color Contrast Check

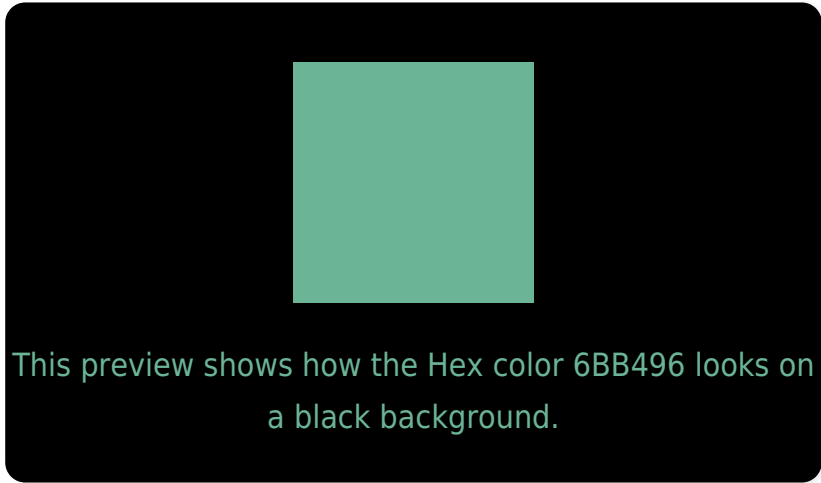
Large Text (above 18pt) WCAG AA × Fail

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

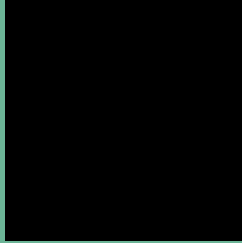
Any Text WCAG AA ✓ Pass

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 6BB496 Background



This preview shows how black text looks on a background with the Hex color 6BB496.

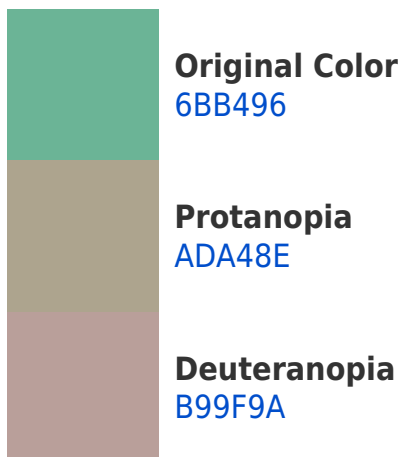


This preview shows how white text looks on a background with the Hex color 6BB496.

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](#).

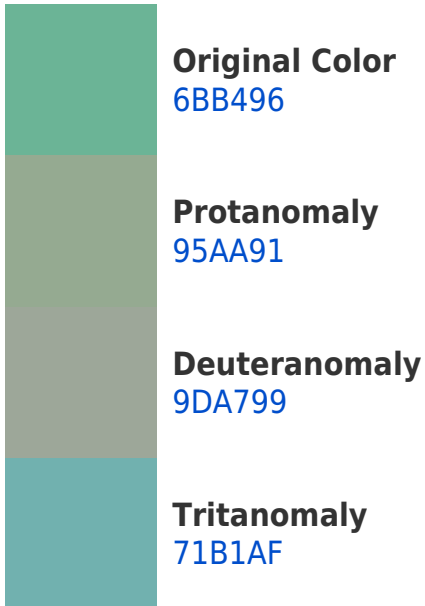
Dichromacy



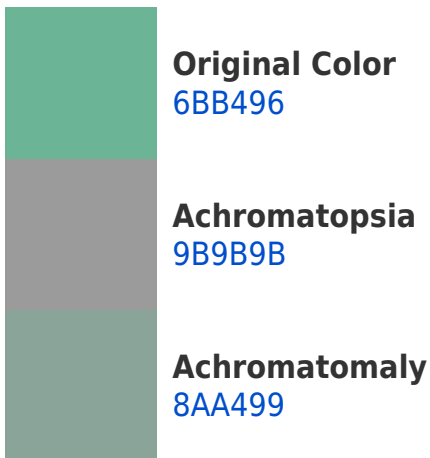


Tritanopia
74AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BB496 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 #6BB496 looks like.

```
.text, #text, p{  
    color:#6BB496  
}
```

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 #6BB496 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BB496
}
```

Border

The CSS property to change the border of an element to Hex 6BB496 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
#6BB496 }
```

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

```
.border{ border-color:#6BB496 }
```

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

Here you see how a box with a 4 pixel #6BB496 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BB496; -webkit-box-shadow:4px 4px  
4px 4px #6BB496; box-shadow:4px 4px 4px  
4px #6BB496 }
```

Background

The CSS property to change the background color of an element to Hex 6BB496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BB496 }
```

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

```
.background{ background-color:#6BB496 }
```

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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