

Converting Colors

Hex(61BAAD)

Have a look what the booklet for
Hex(61BAAD) contains.

Hex(61BAAD)	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(61BAAD)

Conversions

Conversions Part 1

Format	Color
Hex	61BAAD
RGB	97, 186, 173
RGB Percent	38%, 73%, 68%
CMY	0.6196, 0.2706, 0.3216
CMYK	0.48, 0.00, 0.07, 0.27
HSL	171°, 39%, 55%
HSV	171°, 48%, 73%
XYZ	30.0315, 40.6763, 45.8037
YIQ	157.9070, -48.8710, -22.9110

Conversions

Conversions Part 2

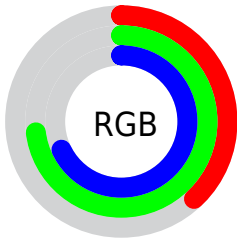
Format	Color
RYB	97, 145, 186
Decimal	6404781
CIELab	69.95, -29.92, -1.67
CIELCh	70, 29.963, 183.195
Yxy	40.6763, 0.2578, 0.3491
Android (android.graphics.Color)	4284594861 (0xFF61BAAD)
YUV	157.9070, 7.4408, -53.4154
Hunter-Lab	63.7780, -27.5602, 2.0641

Details

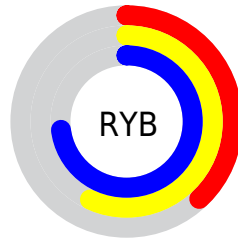
The Hex color **61BAAD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BA616E**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **99F2E4**, and **258479** is the 20% darker color. If you saturate the color by 10%, you get **4EBAAA**, and if you desaturate by 10%, it is **74BAB0**.

Distribution



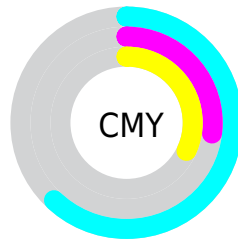
- Red (38%)
- Green (73%)
- Blue (68%)



- Red (38%)
- Yellow (57%)
- Blue (73%)



- Cyan (48%)
- Magenta (0%)
- Yellow (7%)
- Black (27%)



- Cyan (62%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61BAAD 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 61BAAD by changing the saturation by 10% instead.

 61BAAD

 61BAAD

FFFFFF

 459F92

 99F2E4

 258479

 B6FFFF

 006B60

 D2FFFF

 005248

 F0FFFF

 003A32

 00251D

 000004

 000000

 61BAAD

 61BAAD

■ 4EBAAA

■ 74BAB0

■ 3CBAA8

■ 86BAB2

■ 29BAA5

■ 99BAB5

■ 17BAA2

■ ABBAB8

■ 04BA9F

■ BEBABB

■ 00BA9F

■ D1BABD

■ E3BAC0

■ F6BAC3

■ FFBAC5

Harmonies

Analogous

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



7EB892



61BAAD



53B9C8

Triad

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



61BAAD



B3A3D8



D3A17B

Complementary

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



61BAAD



BA616E

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.



E0998E



61BAAD



D09AC4

Square

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



61BAAD



8CADE1



E097A9



BBA75

Rectangle

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



61BAAD



5CB6D6



E097A9



D89E80

Sweetspot

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



61BAAD



D0F2ED



6EBA61



667A77



FAFAFA



7A7A7A

Same Dimension

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



61BAAD



68F2DE



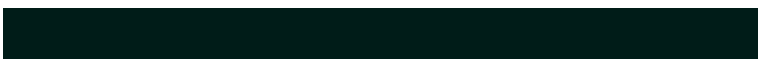
619BBA



535C5A



009C85



001C18

Inverse Universe

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



BA616E



F2687C



BA8061



5C5354



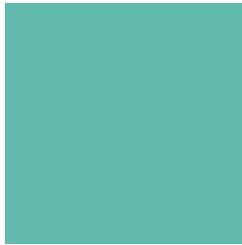
9C0017



1C0004

Previews

White Background



This preview shows how the Hex color 61BAAD looks on a white background.

Color Contrast Check

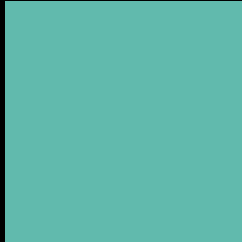
Large Text (above 18pt) WCAG AA × Fail

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 61BAAD 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 61BAAD Background



This preview shows how black text looks on a background with the Hex color 61BAAD.

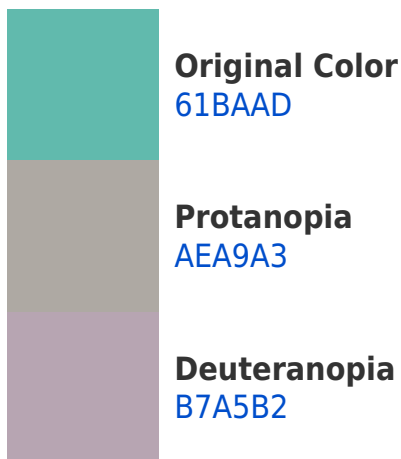


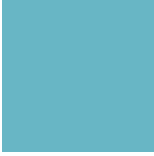
This preview shows how white text looks on a background with the Hex color 61BAAD.

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](#).

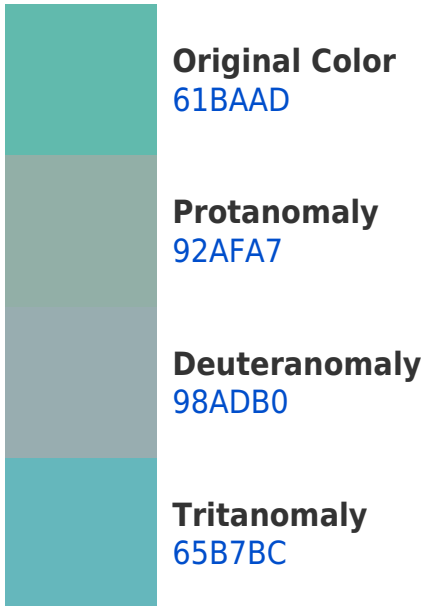
Dichromacy





Tritanopia
68B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61BAAD 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 #61BAAD looks like.

```
.text, #text, p{  
    color:#61BAAD  
}
```

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 #61BAAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61BAAD
}
```

Border

The CSS property to change the border of an element to Hex 61BAAD 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
#61BAAD }
```

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

```
.border{ border-color:#61BAAD }
```

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

Here you see how a box with a 4 pixel #61BAAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61BAAD; -webkit-box-shadow:4px 4px  
4px 4px #61BAAD; box-shadow:4px 4px 4px  
4px #61BAAD }
```

Background

The CSS property to change the background color of an element to Hex 61BAAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61BAAD }
```

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

```
.background{ background-color:#61BAAD }
```

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