

# Converting Colors

Hex(65BAAF)

Have a look what the booklet for  
Hex(65BAAF) contains.

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# Color

Hex(65BAAF)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 65BAAF                       |
| RGB         | 101, 186, 175                |
| RGB Percent | 40%, 73%, 69%                |
| CMY         | 0.6039, 0.2706, 0.3137       |
| CMYK        | 0.46, 0.00, 0.06, 0.27       |
| HSL         | 172°, 38%, 56%               |
| HSV         | 172°, 46%, 73%               |
| XYZ         | 30.6636, 40.9797, 46.8512    |
| YIQ         | 159.3310, -47.1290, -21.4410 |

# Conversions

## Conversions Part 2

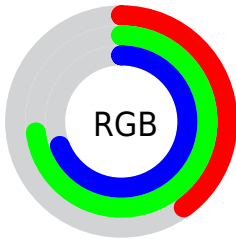
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">101, 146, 186</a>                  |
| Decimal                             | <a href="#">6666927</a>                        |
| CIELab                              | <a href="#">70.16, -28.46, -2.44</a>           |
| CIELCh                              | <a href="#">70, 28.566, 184.892</a>            |
| Yxy                                 | <a href="#">40.9797, 0.2588,<br/>0.3458</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4284857007<br/>(0xFF65BAAF)</a>    |
| YUV                                 | <a href="#">159.3310, 7.7248,<br/>-51.1563</a> |
| Hunter-Lab                          | <a href="#">64.0154, -26.5247,<br/>1.4179</a>  |

# Details

The Hex color **65BAAF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BA6570**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **9DF2E6**, and **2B847B** is the 20% darker color. If you saturate the color by 10%, you get **52BAAD**, and if you desaturate by 10%, it is **78BAB1**.

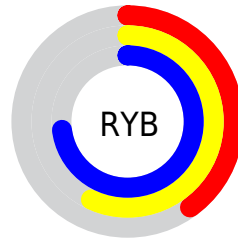
# Distribution



Red (40%)

Green (73%)

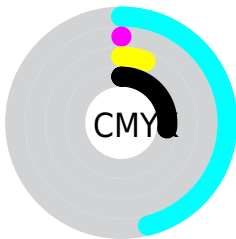
Blue (69%)



Red (40%)

Yellow (57%)

Blue (73%)

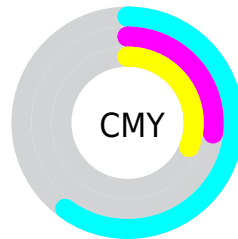


Cyan (46%)

Magenta (0%)

Yellow (6%)

Black (27%)



Cyan (60%)

Magenta (27%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65BAAF 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 65BAAF by changing the saturation by 10% instead.





65BAAF



65BAAF

FFFFFF



499F94



9DF2E6



2B847B



B9FFFF



006B62



D6FFFF



00524A



F3FFFF



003B34



00251E



000106



000000



65BAAF



65BAAF

■ 52BAAD

■ 78BAB1

■ 40BAAA

■ 8ABAB4

■ 2DBAA8

■ 9DBAB6

■ 1BBAA5

■ AFBAB9

■ 08BAA3

■ C2BABB

■ 00BAA2

■ D5BABD

■ E7BAC0

■ FABAC2

■ FFBAC5

# Harmonies

## Analogous

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



80B895



65BAAF



5BB9C8

# Triad

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



65BAAF



B5A3D6



D1A27D

# Complementary

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



65BAAF



BA6570

# 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.



DE9B8F



65BAAF



D09CC2

# Square

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



65BAAF



90ACDF



DE98A8



BAAB78

# Rectangle

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



65BAAF



64B6D5



DE98A8



D6A082



# Sweetspot

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



65BAAF



D0F2EE



70BA65



667A78



FAFAFA



7A7A7A



# Same Dimension

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



65BAAF



6DF2E1



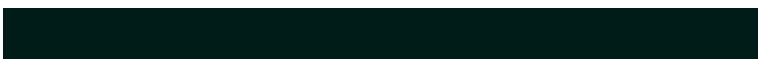
659BBA



535C5B



009C87



001C18



# Inverse Universe

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



BA6570



F26D7E



BA8465



5C5354



9C0014

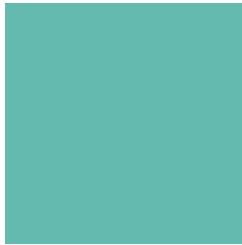


1C0004



# Previews

## White Background



This preview shows how the Hex color 65BAAF looks on a white background.

## Color Contrast Check

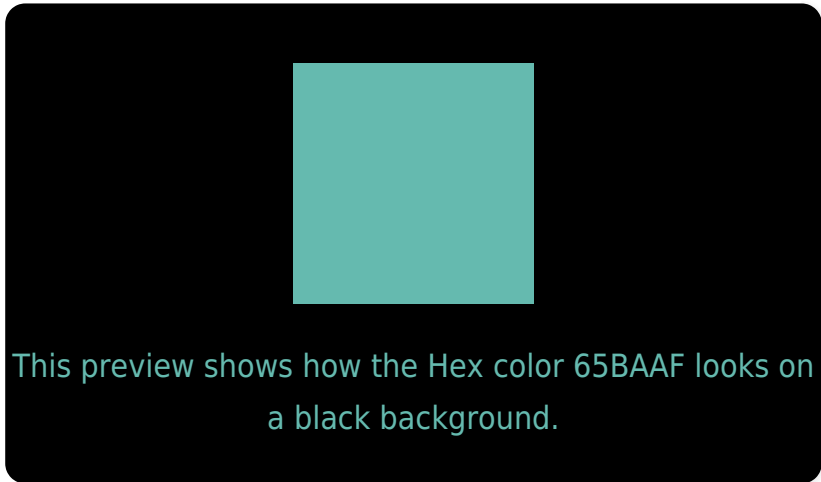
Large Text (above 18pt) WCAG AA × Fail

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

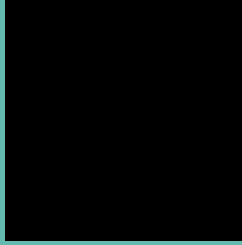
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

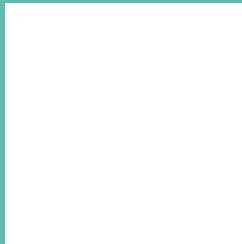
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 65BAAF Background



This preview shows how black text looks on a background with the Hex color 65BAAF.

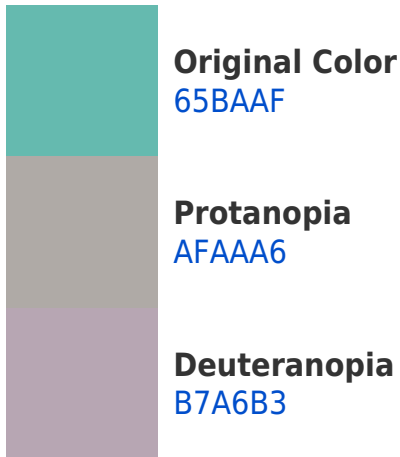


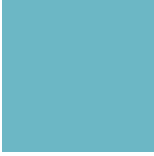
This preview shows how white text looks on a background with the Hex color 65BAAF.

# 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](#).

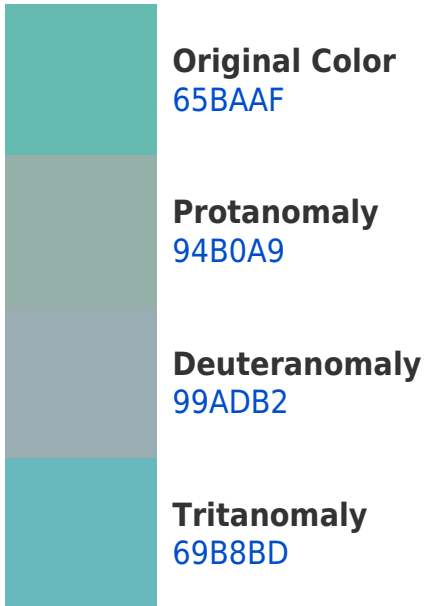
## Dichromacy



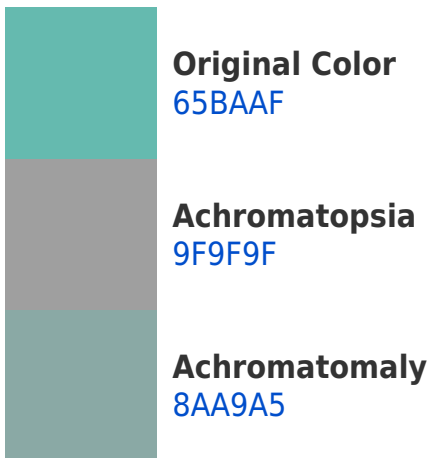


**Tritanopia**  
6CB7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65BAAF 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 #65BAAF looks like.

```
.text, #text, p{  
    color:#65BAAF  
}
```

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 #65BAAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65BAAF
}
```

## Border

The CSS property to change the border of an element to Hex 65BAAF 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
#65BAAF }
```

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

```
.border{ border-color:#65BAAF }
```

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

Here you see how a box with a 4 pixel #65BAAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65BAAF; -webkit-box-shadow:4px 4px  
4px 4px #65BAAF; box-shadow:4px 4px 4px  
4px #65BAAF }
```

# Background

The CSS property to change the background color of an element to Hex 65BAAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65BAAF }
```

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

```
.background{ background-color:#65BAAF }
```

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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