

Converting Colors

Hex(65BFA4)

Have a look what the booklet for
Hex(65BFA4) contains.

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Color

Hex(65BFA4)

Conversions

Conversions Part 1

Format	Color
Hex	65BFA4
RGB	101, 191, 164
RGB Percent	40%, 75%, 64%
CMY	0.6039, 0.2510, 0.3569
CMYK	0.47, 0.00, 0.14, 0.25
HSL	162°, 41%, 57%
HSV	162°, 47%, 75%
XYZ	30.6985, 42.7086, 41.7476
YIQ	161.0120, -44.9730, -27.4770

Conversions

Conversions Part 2

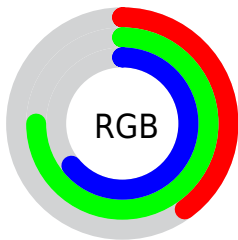
Format	Color
RYB	101, 154, 191
Decimal	6668196
CIELab	71.36, -33.48, 5.32
CIElCh	71, 33.903, 170.974
Yxy	42.7086, 0.2666, 0.3709
Android (android.graphics.Color)	4284858276 (0xFF65BFA4)
YUV	161.0120, 1.4731, -52.6305
Hunter-Lab	65.3518, -30.5169, 7.8711

Details

The Hex color **65BFA4** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **BF6580**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **9DF8DB**, and **2B8970** is the 20% darker color. If you saturate the color by 10%, you get **52BF9E**, and if you desaturate by 10%, it is **78BFAA**.

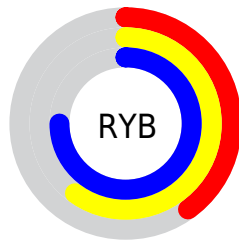
Distribution



Red (40%)

Green (75%)

Blue (64%)



Red (40%)

Yellow (60%)

Blue (75%)

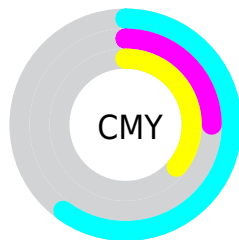


Cyan (47%)

Magenta (0%)

Yellow (14%)

Black (25%)



Cyan (60%)

Magenta (25%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65BFA4 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 65BFA4 by changing the saturation by 10% instead.



65BFA4



65BFA4

FFFFFF



49A48A



9DF8DB



2B8970



B9FFF7



006F58



D6FFFF



005641



F3FFFF



003E2B



002816



000900



000000



65BFA4



65BFA4

 52BF9E

 78BFAA

 3FBF99

 8BBFAF

 2CBF93

 9EBFB5

 19BF8D

 B1BFBB

 05BF87

 C4BFC1

 00BF86

 D8BFC6

 EBBFCC

 FEBFD2

 FFBFD8

Harmonies

Analogous

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



8ABB87



65BFA4



46BFC4

Triad

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



65BFA4



A6AAE8



E39F80

Complementary

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



65BFA4



BF6580

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.



EC989A



65BFA4



CD9FD6

Square

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



65BFA4



76B5EB



E598B9



CCAA72

Rectangle

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



65BFA4



44BDD6



E598B9



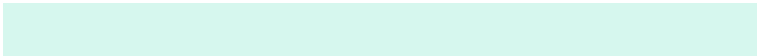
E79C88

Sweetspot

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



65BFA4



D5F7ED



80BF65



687D77



FCFCFC



7D7D7D

Same Dimension

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



65BFA4



6AF7CD



65ADBF



555E5C



009E6F



001F15

Inverse Universe

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



BF6580



F76A95



BF7765



5E5558



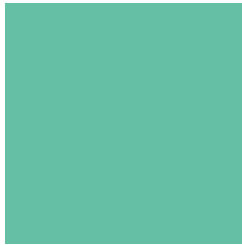
9E002F



1F0009

Previews

White Background



This preview shows how the Hex color 65BFA4 looks on a white background.

Color Contrast Check

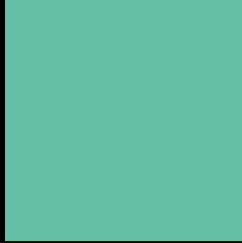
Large Text (above 18pt) WCAG AA × Fail

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 65BFA4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

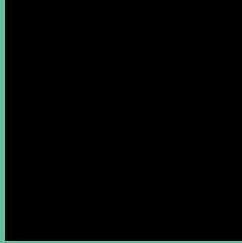
Any Text WCAG AA ✓ Pass

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 65BFA4 Background



This preview shows how black text looks on a background with the Hex color 65BFA4.

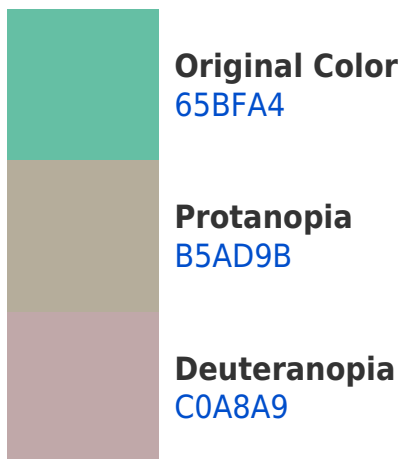


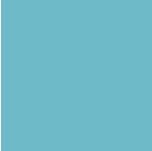
This preview shows how white text looks on a background with the Hex color 65BFA4.

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](#).

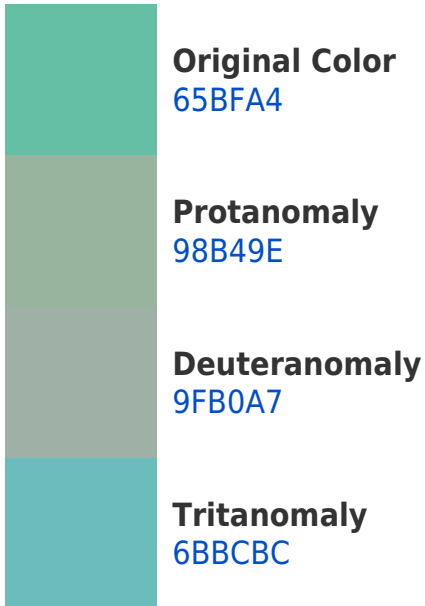
Dichromacy



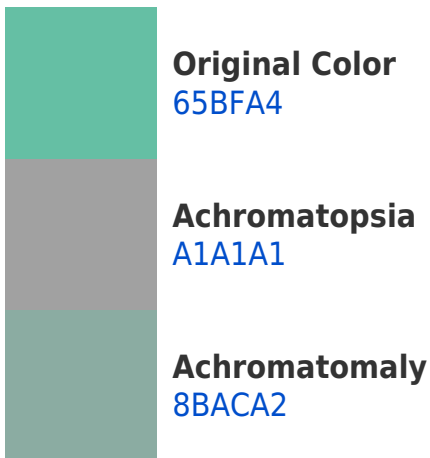


Tritanopia
6FBAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65BFA4 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 #65BFA4 looks like.

```
.text, #text, p{  
    color:#65BFA4  
}
```

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 #65BFA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65BFA4
}
```

Border

The CSS property to change the border of an element to Hex 65BFA4 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
#65BFA4 }
```

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

```
.border{ border-color:#65BFA4 }
```

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

Here you see how a box with a 4 pixel #65BFA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65BFA4; -webkit-box-shadow:4px 4px  
4px 4px #65BFA4; box-shadow:4px 4px 4px  
4px #65BFA4 }
```

Background

The CSS property to change the background color of an element to Hex 65BFA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65BFA4 }
```

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

```
.background{ background-color:#65BFA4 }
```

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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