

# Converting Colors

Hex(65BAC4)

Have a look what the booklet for  
Hex(65BAC4) contains.

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# Color

Hex(65BAC4)

# Conversions

## Conversions Part 1

Format	Color
Hex	65BAC4
RGB	101, 186, 196
RGB Percent	40%, 73%, 77%
CMY	0.6039, 0.2706, 0.2314
CMYK	0.48, 0.05, 0.00, 0.23
HSL	186°, 45%, 58%
HSV	186°, 48%, 77%
XYZ	32.8895, 41.8700, 58.5728
YIQ	161.7250, -53.8700, -14.9100

# Conversions

## Conversions Part 2

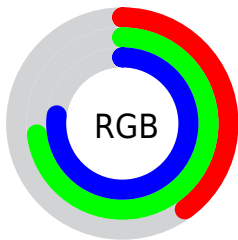
Format	Color
<a href="#">RYB</a>	<a href="#">101, 146, 196</a>
Decimal	<a href="#">6666948</a>
CIELab	<a href="#">70.78, -23.03, -13.04</a>
CIELCh	<a href="#">71, 26.461, 209.512</a>
Yxy	<a href="#">41.8700, 0.2467, 0.3140</a>
Android (android.graphics.Color)	<a href="#">4284857028</a> ( <a href="#">0xFF65BAC4</a> )
YUV	<a href="#">161.7250, 16.8976, -53.2558</a>
Hunter-Lab	<a href="#">64.7071, -22.5087, -8.3744</a>

# Details

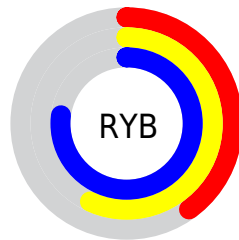
The Hex color **65BAC4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C46F65**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **9EF2FD**, and **28858E** is the 20% darker color. If you saturate the color by 10%, you get **51B8C4**, and if you desaturate by 10%, it is **79BCC4**.

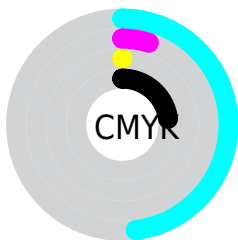
# Distribution



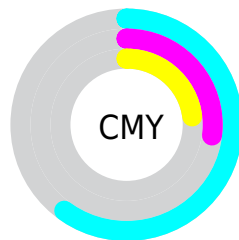
- Red (40%)
- Green (73%)
- Blue (77%)



- Red (40%)
- Yellow (57%)
- Blue (77%)



- Cyan (48%)
- Magenta (5%)
- Yellow (0%)
- Black (23%)



- Cyan (60%)
- Magenta (27%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65BAC4 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 65BAC4 by changing the saturation by 10% instead.



65BAC4

65BAC4

FFFFFF

489FA9

9EF2FD

28858E

BAFFFF

006B75

D8FFFF

00535C

F5FFFF

003B45

00252E

00071A

000000

65BAC4

65BAC4

51B8C4

79BCC4

3EB6C4

8CBEC4

2AB4C4

A0C0C4

17B2C4

B3C2C4

03B0C4

C7C4C4

00AFC4

DBC6C4

EEC8C4

FFCBC4

FFCDC4

# Harmonies

## Analogous

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



71BBAC



65BAC4



71B6D6

# Triad

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



65BAC4



CCA0C6



BFAB7D

# Complementary

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



65BAC4



C46F65

# 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.



D3A385



65BAC4



DB9CAE

# Square

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



65BAC4



B0A7D7



DD9D97



A5B383

# Rectangle

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



65BAC4



84B2DC



DD9D97



C7A97E

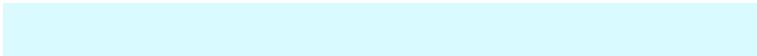


# Sweetspot

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



65BAC4



D9FBFF



65C46E



697D80



000000



808080



# Same Dimension

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



65BAC4



6BEFFF



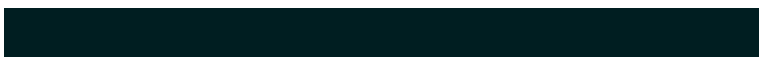
658BC4



576061



0090A1



001E21



# Inverse Universe

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



C465BA



FF6BEF



C49E65



615760



A10090



21001E



# Previews

## White Background



This preview shows how the Hex color 65BAC4 looks on a white background.

## Color Contrast Check

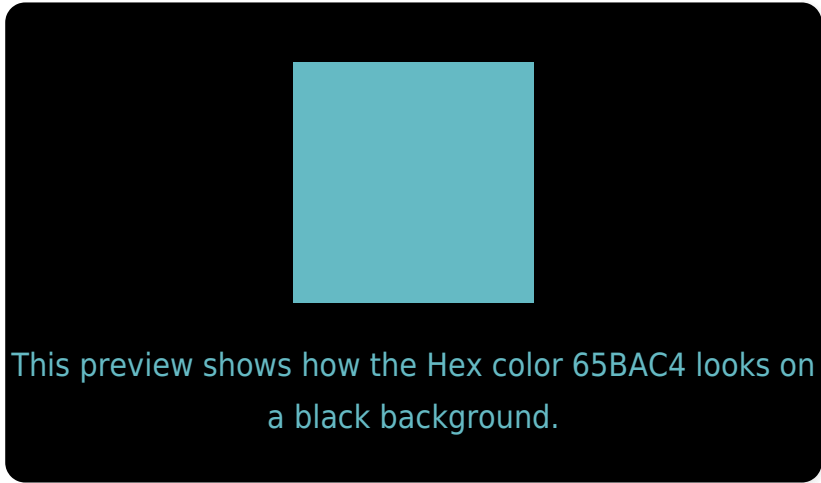
Large Text (above 18pt) WCAG AA × Fail

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

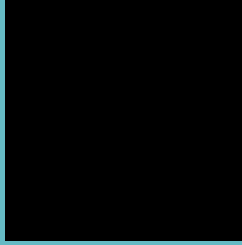
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 65BAC4 Background



This preview shows how black text looks on a background with the Hex color 65BAC4.

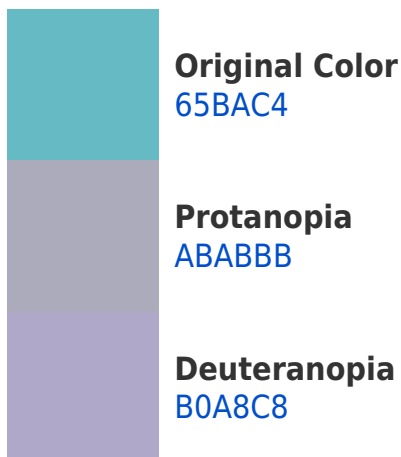


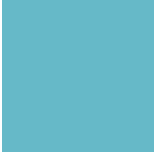
This preview shows how white text looks on a background with the Hex color 65BAC4.

# 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](#).

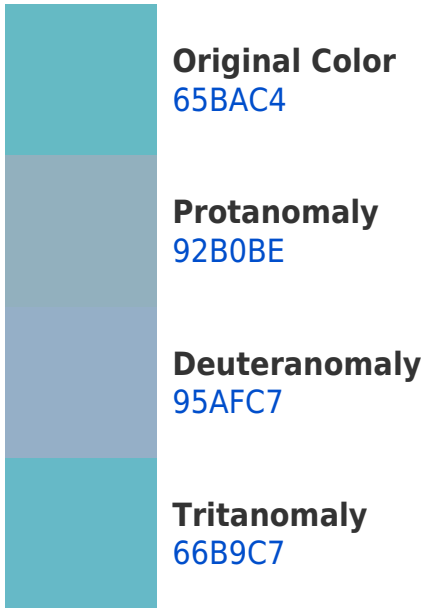
## Dichromacy



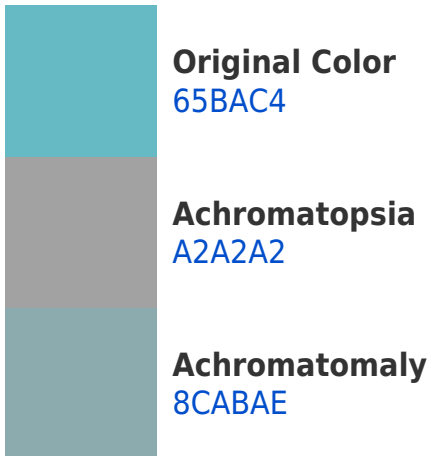


**Tritanopia**  
66B9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65BAC4 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 #65BAC4 looks like.

```
.text, #text, p{  
    color:#65BAC4  
}
```

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 #65BAC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65BAC4
}
```

## Border

The CSS property to change the border of an element to Hex 65BAC4 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
#65BAC4 }
```

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

```
.border{ border-color:#65BAC4 }
```

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

Here you see how a box with a 4 pixel #65BAC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65BAC4; -webkit-box-shadow:4px 4px  
4px 4px #65BAC4; box-shadow:4px 4px 4px  
4px #65BAC4 }
```

# Background

The CSS property to change the background color of an element to Hex 65BAC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65BAC4 }
```

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

```
.background{ background-color:#65BAC4 }
```

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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