

Converting Colors

Hex(64AFB4)

Have a look what the booklet for
Hex(64AFB4) contains.

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Color

Hex(64AFB4)

Conversions

Conversions Part 1

Format	Color
Hex	64AFB4
RGB	100, 175, 180
RGB Percent	39%, 69%, 71%
CMY	0.6078, 0.3137, 0.2941
CMYK	0.44, 0.03, 0.00, 0.29
HSL	184°, 35%, 55%
HSV	184°, 44%, 71%
XYZ	28.8237, 36.6646, 48.7378
YIQ	153.1450, -46.3050, -14.3450

Conversions

Conversions Part 2

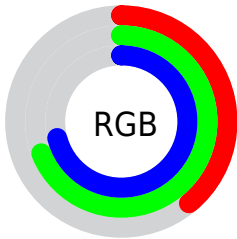
Format	Color
RYB	100, 139, 180
Decimal	6598580
CIELab	67.02, -21.94, -9.84
CIElCh	67, 24.049, 204.166
Yxy	36.6646, 0.2523, 0.3210
Android (android.graphics.Color)	4284788660 (0xFF64AFB4)
YUV	153.1450, 13.2395, -46.6082
Hunter-Lab	60.5513, -20.9948, -5.3367

Details

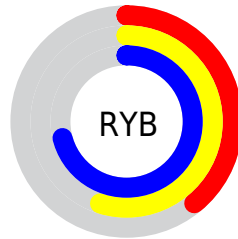
The Hex color **64AFB4** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B46964**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **9BE7EC**, and **2B7A7F** is the 20% darker color. If you saturate the color by 10%, you get **52AEB4**, and if you desaturate by 10%, it is **76B0B4**.

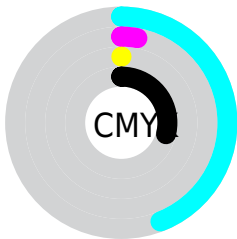
Distribution



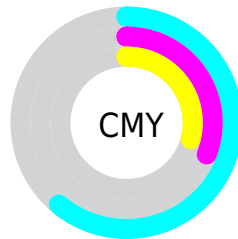
- Red (39%)
- Green (69%)
- Blue (71%)



- Red (39%)
- Yellow (55%)
- Blue (71%)



- Cyan (44%)
- Magenta (3%)
- Yellow (0%)
- Black (29%)



- Cyan (61%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64AFB4 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 64AFB4 by changing the saturation by 10% instead.



64AFB4



64AFB4

FFFFFF



489499



9BE7EC



2B7A7F



B8FFFF



006166



D4FFFF



00494E



F2FFFF



003238



001E22



00000B



000000



64AFB4



64AFB4

52AEB4

76B0B4

40ADB4

88B1B4

2EACB4

9AB2B4

1CABB4

ACB4B4

0AA9B4

BEB5B4

00A9B4

D0B6B4

E2B7B4

F4B8B4

FFB9B4

Harmonies

Analogous

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



71AF9E



64AFB4



6BACC5

Triad

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



64AFB4



BB98BD



B7A078

Complementary

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



64AFB4



B46964

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.



C89981



64AFB4



CB94A8

Square

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



64AFB4



A19FCA



CF9492



A1A77B

Rectangle

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



64AFB4



79A9CC



CF9492



BD9E7A

Sweetspot

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



64AFB4



CCE9EB



64B468



637475



F5F5F5



757575

Same Dimension

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



64AFB4



6EE3EB



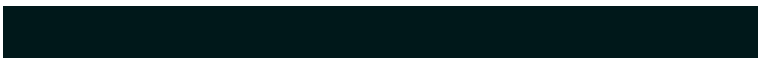
6488B4



505959



008F99



00181A

Inverse Universe

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



B464AF



EB6EE3



B49064



595059



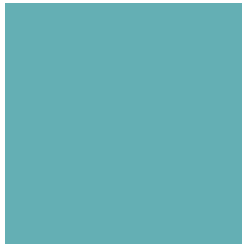
99008F



1A0018

Previews

White Background



This preview shows how the Hex color 64AFB4 looks on a white background.

Color Contrast Check

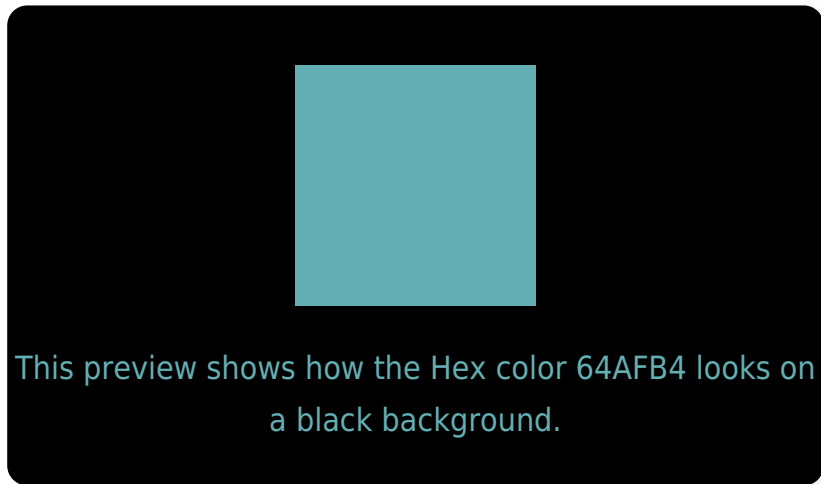
Large Text (above 18pt) WCAG AA × Fail

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

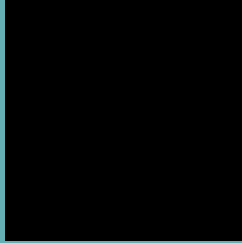
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

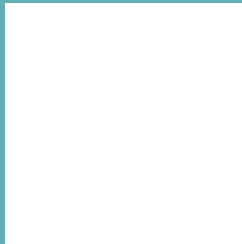
Any Text WCAG AAA ✓ Pass

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

Hex 64AFB4 Background



This preview shows how black text looks on a background with the Hex color 64AFB4.

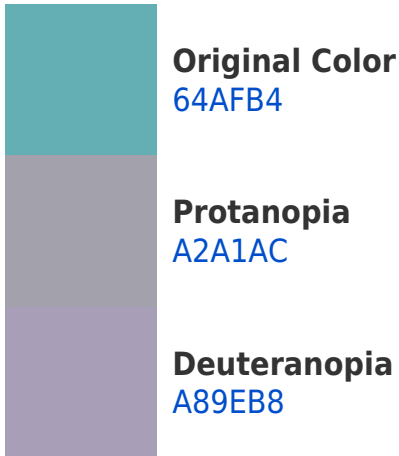


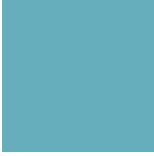
This preview shows how white text looks on a background with the Hex color 64AFB4.

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](#).

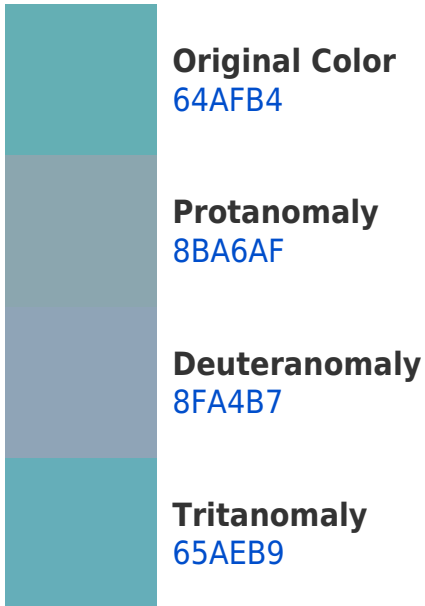
Dichromacy



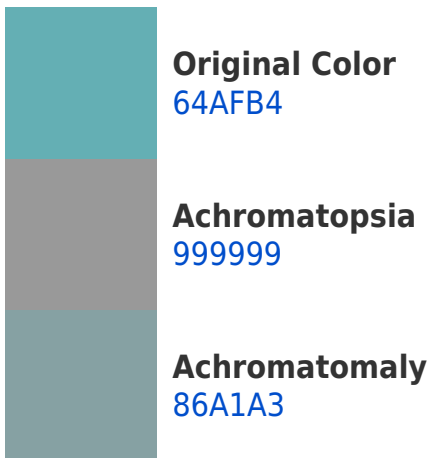


Tritanopia
66AEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64AFB4 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 #64AFB4 looks like.

```
.text, #text, p{  
    color:#64AFB4  
}
```

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 #64AFB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64AFB4  
}
```

Border

The CSS property to change the border of an element to Hex 64AFB4 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  
#64AFB4 }
```

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

```
.border{ border-color:#64AFB4 }
```

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

Here you see how a box with a 4 pixel #64AFB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64AFB4; -webkit-box-shadow:4px 4px  
4px 4px #64AFB4; box-shadow:4px 4px 4px  
4px #64AFB4 }
```

Background

The CSS property to change the background color of an element to Hex 64AFB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64AFB4 }
```

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

```
.background{ background-color:#64AFB4 }
```

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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