

Converting Colors

Hex(65AFC4)

Have a look what the booklet for
Hex(65AFC4) contains.

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Color

Hex(65AFC4)

Conversions

Conversions Part 1

Format	Color
Hex	65AFC4
RGB	101, 175, 196
RGB Percent	40%, 69%, 77%
CMY	0.6039, 0.3137, 0.2314
CMYK	0.48, 0.11, 0.00, 0.23
HSL	193°, 45%, 58%
HSV	193°, 48%, 77%
XYZ	30.6606, 37.4122, 57.8298
YIQ	155.2680, -50.8450, -9.1570

Conversions

Conversions Part 2

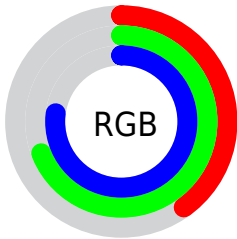
Format	Color
RYB	101, 143, 196
Decimal	6664132
CIELab	67.59, -17.37, -17.86
CIElCh	68, 24.908, 225.793
Yxy	37.4122, 0.2435, 0.2972
Android (android.graphics.Color)	4284854212 (0xFF65AFC4)
YUV	155.2680, 20.0809, -47.5930
Hunter-Lab	61.1655, -17.5624, -13.2408

Details

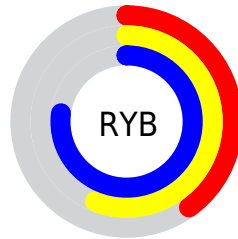
The Hex color **65AFC4** is a light color, and the websafe version is hex **669999**. A complement of this color would be **C47A65**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **9DE7FD**, and **2A7A8E** is the 20% darker color. If you saturate the color by 10%, you get **51ABC4**, and if you desaturate by 10%, it is **79B3C4**.

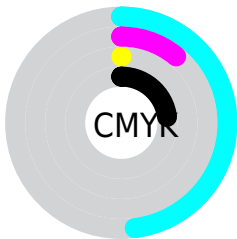
Distribution



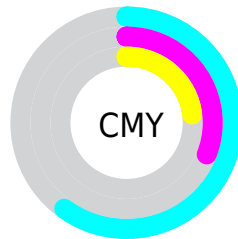
- Red (40%)
- Green (69%)
- Blue (77%)



- Red (40%)
- Yellow (56%)
- Blue (77%)



- Cyan (48%)
- Magenta (11%)
- Yellow (0%)
- Black (23%)



- Cyan (60%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65AFC4 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 65AFC4 by changing the saturation by 10% instead.

■ 65AFC4

■ 65AFC4

FFFFFF

■ 4994A9

■ 9DE7FD

■ 2A7A8E

■ BAFFFF

■ 006175

■ D7FFFF

■ 00495C

■ F4FFFF

■ 003344

■ 001E2E

■ 00011A

■ 000000

■ 65AFC4

■ 65AFC4

51ABC4

79B3C4

3EA6C4

8CB8C4

2AA2C4

A0BCC4

179EC4

B3C0C4

0399C4

C7C5C4

0099C4

DBC9C4

EECDC4

FFD2C4

FFD6C4

Harmonies

Analogous

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



65B1B0



65AFC4



7AAAD0

Triad

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



65AFC4



CB95B0



A9A779

Complementary

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



65AFC4



C47A65

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.



BFA079



65AFC4



D29599

Square

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



65AFC4



B79BC4



CE9985



8FAD85

Rectangle

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



65AFC4



8FA5D1



CE9985



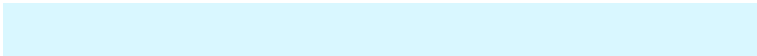
B1A578

Sweetspot

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



65AFC4



D9F7FF



65C47A



697A80



000000



808080

Same Dimension

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



65AFC4



6BDEFF



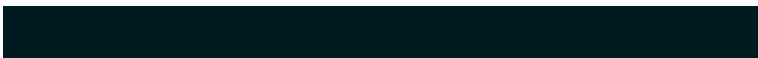
6580C4



575F61



007DA1



001A21

Inverse Universe

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



C465AF



FF6BDE



C4A965



61575F



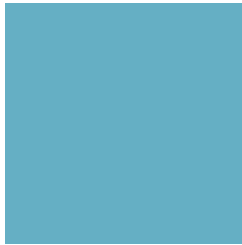
A1007D



21001A

Previews

White Background



This preview shows how the Hex color 65AFC4 looks on a white background.

Color Contrast Check

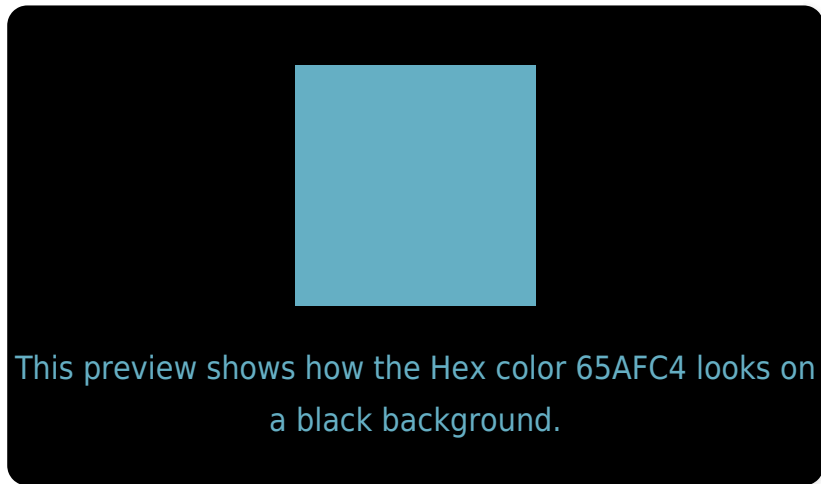
Large Text (above 18pt) WCAG AA × Fail

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

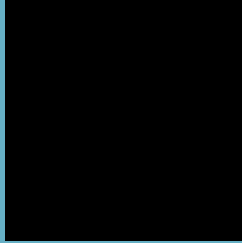
Any Text WCAG AA ✓ Pass

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 65AFC4 Background



This preview shows how black text looks on a background with the Hex color 65AFC4.



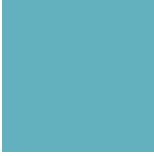
This preview shows how white text looks on a background with the Hex color 65AFC4.

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](#).

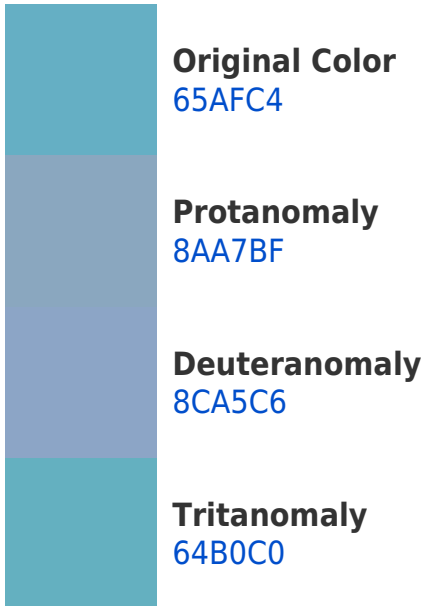
Dichromacy



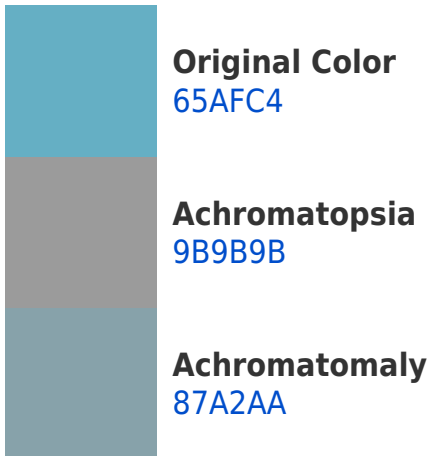


Tritanopia
63B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65AFC4 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 #65AFC4 looks like.

```
.text, #text, p{  
    color:#65AFC4  
}
```

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 #65AFC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65AFC4
}
```

Border

The CSS property to change the border of an element to Hex 65AFC4 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
#65AFC4 }
```

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

```
.border{ border-color:#65AFC4 }
```

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

Here you see how a box with a 4 pixel #65AFC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65AFC4; -webkit-box-shadow:4px 4px  
4px 4px #65AFC4; box-shadow:4px 4px 4px  
4px #65AFC4 }
```

Background

The CSS property to change the background color of an element to Hex 65AFC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65AFC4 }
```

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

```
.background{ background-color:#65AFC4 }
```

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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