

Converting Colors

Hex(65EABB)

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

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Color

Hex(65EABB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 65EABB |
| RGB | 101, 234, 187 |
| RGB Percent | 40%, 92%, 73% |
| CMY | 0.6039, 0.0824, 0.2667 |
| CMYK | 0.57, 0.00, 0.20, 0.08 |
| HSL | 159°, 76%, 66% |
| HSV | 159°, 57%, 92% |
| XYZ | 43.7593, 65.2002, 57.2923 |
| YIQ | 188.8750, -64.1810, -42.8130 |

Conversions

Conversions Part 2

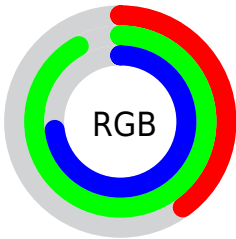
| Format | Color |
|-------------------------------------|--|
| RYB | 101, 182, 234 |
| Decimal | 6679227 |
| CIELab | 84.59, -47.48, 11.96 |
| CIELCh | 85, 48.964, 165.860 |
| Yxy | 65.2002, 0.2632, 0.3922 |
| Android (android.graphics.Color) | 4284869307 (0xFF65EABB) |
| YUV | 188.8750, -0.9244, -77.0664 |
| Hunter-Lab | 80.7466, -44.5715, 14.4545 |

Details

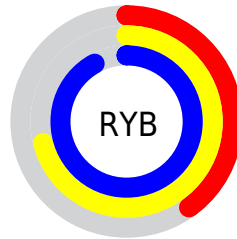
The Hex color **65EABB** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **EA6594**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **A1FFF3**, and **1AB186** is the 20% darker color. If you saturate the color by 10%, you get **4EEAB3**, and if you desaturate by 10%, it is **7CEAC3**.

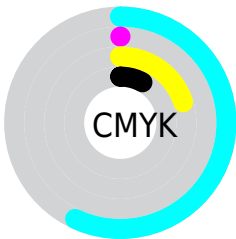
Distribution



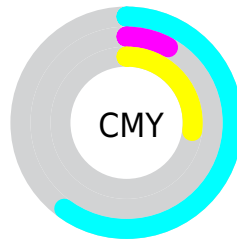
- Red (40%)
- Green (92%)
- Blue (73%)



- Red (40%)
- Yellow (71%)
- Blue (92%)



- Cyan (57%)
- Magenta (0%)
- Yellow (20%)
- Black (8%)



- Cyan (60%)
- Magenta (8%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 65EABB

FFFFFF

 A1FFF3

 BFFFFFF

 DDFFFF

 FCFFFF

 65EABB

 44CDA0

 1AB186

 00966C

 007C54

 00623D

 004927

 003112

 001900

 000000

 65EABB

 65EABB

 4EEAB3

 7CEAC3

 36EAAA

 94EACC

 1FEAA2

 ABEAD4

 07EA9A

 C3EADC

 00EA97

 DAEAE4

 F1EAED

 FFEAF5

 FFEAFD

 FFEAFF

Harmonies

Analogous

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



A4E491



65EABB



00EBEB

Triad

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



65EABB



B6CFFF



FFB993

Complementary

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



65EABB



EA6594

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.



FFAFBC



65EABB



F7BEFF

Square

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



65EABB



5EDEFF



FFB1EB



FFC979

Rectangle

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



65EABB



00EAFF



FFB1EB



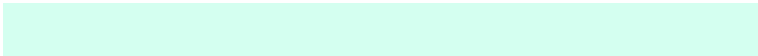
FFB59F

Sweetspot

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



65EABB



D4FFF0



96EA65



668076



000000



808080

Same Dimension

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



65EABB



52FFC2



65D8EA



6A7571



00B575



003623

Inverse Universe

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



EA6594



FF528F



EA7765



756A6E



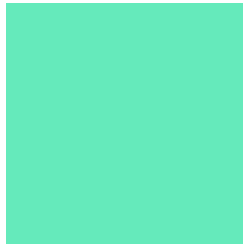
B50040



360013

Previews

White Background



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

Color Contrast Check

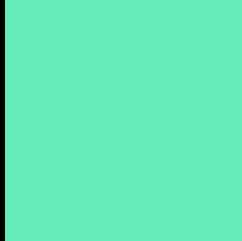
Large Text (above 18pt) WCAG AA × Fail

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 65EABB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

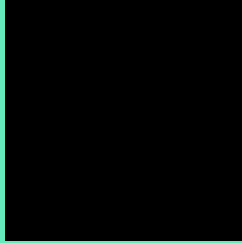
Any Text WCAG AA ✓ Pass

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 65EABB Background



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

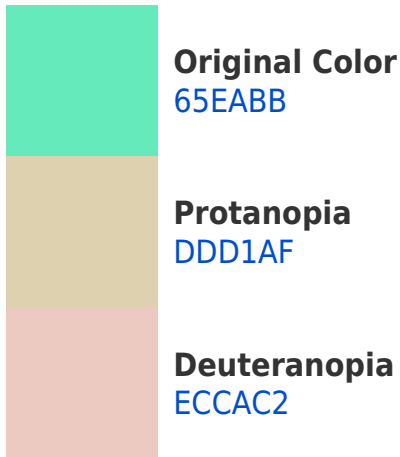


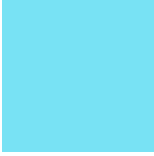
This preview shows how white text looks on a background with the Hex color 65EABB.

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



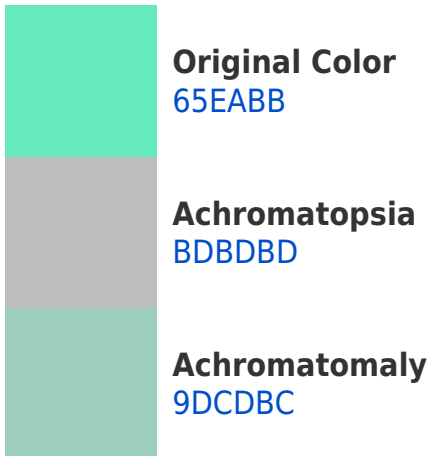


Tritanopia
78E2F4

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #65EABB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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