

Converting Colors

Hex(65EFB5)

Have a look what the booklet for
Hex(65EFB5) contains.

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Color

Hex(65EFB5)

Conversions

Conversions Part 1

Format	Color
Hex	65EFB5
RGB	101, 239, 181
RGB Percent	40%, 94%, 71%
CMY	0.6039, 0.0627, 0.2902
CMYK	0.58, 0.00, 0.24, 0.06
HSL	155°, 81%, 67%
HSV	155°, 58%, 94%
XYZ	44.5738, 67.8359, 54.4604
YIQ	191.1260, -63.6300, -47.2940

Conversions

Conversions Part 2

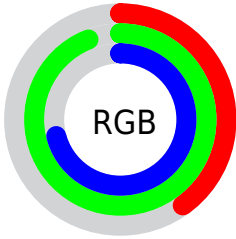
Format	Color
RYB	101, 188, 239
Decimal	6680501
CIELab	85.92, -50.87, 16.97
CIElCh	86, 53.622, 161.547
Yxy	67.8359, 0.2671, 0.4065
Android (android.graphics.Color)	4284870581 (0xFF65EFB5)
YUV	191.1260, -4.9921, -79.0405
Hunter-Lab	82.3626, -47.5320, 18.4496

Details

The Hex color **65EFB5** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **EF659F**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **A2FFED**, and **17B680** is the 20% darker color. If you saturate the color by 10%, you get **4DEFAB**, and if you desaturate by 10%, it is **7DEFBF**.

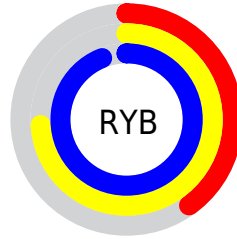
Distribution



Red (40%)

Green (94%)

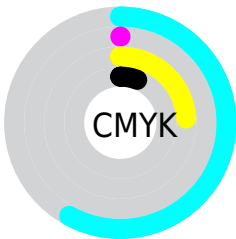
Blue (71%)



Red (40%)

Yellow (74%)

Blue (94%)

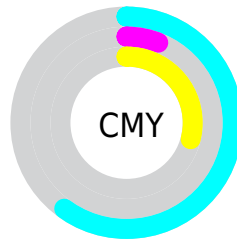


Cyan (58%)

Magenta (0%)

Yellow (24%)

Black (6%)



Cyan (60%)

Magenta (6%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65EFB5 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 65EFB5 by changing the saturation by 10% instead.

 65EFB5

FFFFFF

 A2FFED

 C0FFFF

 DEFFFF

FDFFFF

 65EFB5

 44D29A

 17B680

 009B67

 00804F

 006637

 004D22

 00350C

 001D00

 000000

 65EFB5

 65EFB5

 4DEFAB

 7DEFBF

 35EFA1

 95EFC9

 1DEF97

 ADEFD3

 05EF8D

 C5EFDD

 00EF8B

 DCEFE7

 F4EFF1

 FFEFFB

 FFEFFF

Harmonies

Analogous

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



ACE789



65EFB5



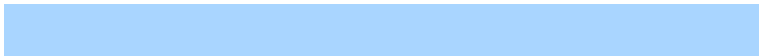
00F1EA

Triad

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



65EFB5



A9D5FF



FFB796

Complementary

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



65EFB5



EF659F

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.



FFAEC5



65EFB5



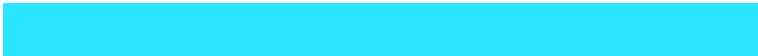
F5C2FF

Square

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



65EFB5



2BE5FF



FFB2F8



FFC976

Rectangle

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



65EFB5



00F0FF



FFB2F8



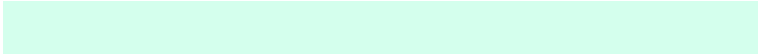
FFB3A4

Sweetspot

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



65EFB5



D4FFED



A1EF65



668075



000000



808080

Same Dimension

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



65EFB5



4FFFB5



65E6EF



6C7873



00B86A



003821

Inverse Universe

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



EF659F



FF4F99



EF6E65



786C71



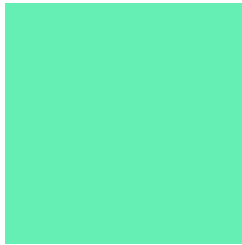
B8004D



380018

Previews

White Background



This preview shows how the Hex color 65EFB5 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

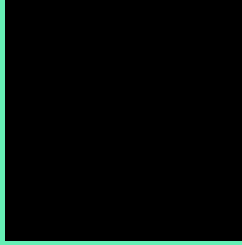
Any Text WCAG AA ✓ Pass

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 65EFB5 Background



This preview shows how black text looks on a background with the Hex color 65EFB5.

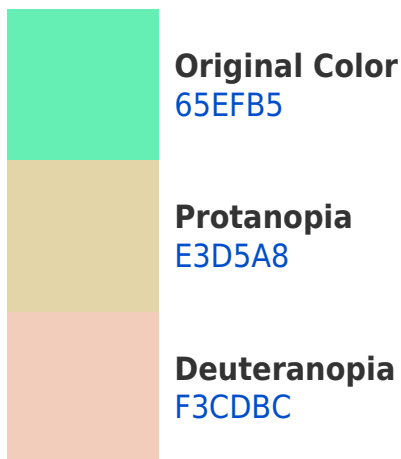


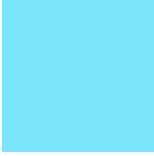
This preview shows how white text looks on a background with the Hex color 65EFB5.

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](#).

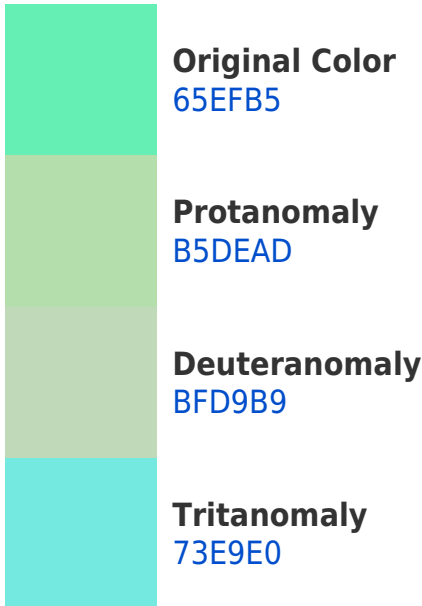
Dichromacy



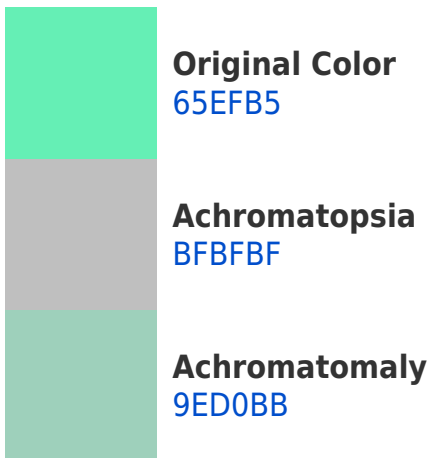


Tritanopia
7BE6F9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65EFB5 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 #65EFB5 looks like.

```
.text, #text, p{  
    color:#65EFB5  
}
```

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 #65EFB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65EFB5  
}
```

Border

The CSS property to change the border of an element to Hex 65EFB5 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  
#65EFB5 }
```

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

```
.border{ border-color:#65EFB5 }
```

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

Here you see how a box with a 4 pixel #65EFB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65EFB5; -webkit-box-shadow:4px 4px  
4px 4px #65EFB5; box-shadow:4px 4px 4px  
4px #65EFB5 }
```

Background

The CSS property to change the background color of an element to Hex 65EFB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65EFB5 }
```

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

```
.background{ background-color:#65EFB5 }
```

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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