

Converting Colors

Hex(65FEBD)

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

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Color

Hex(65FEBD)

Conversions

Conversions Part 1

Format	Color
Hex	65FEBD
RGB	101, 254, 189
RGB Percent	40%, 100%, 74%
CMY	0.6039, 0.0039, 0.2588
CMYK	0.60, 0.00, 0.26, 0.00
HSL	155°, 99%, 70%
HSV	155°, 60%, 100%
XYZ	49.9939, 77.3244, 60.4343
YIQ	200.8430, -70.3230, -52.6510

Conversions

Conversions Part 2

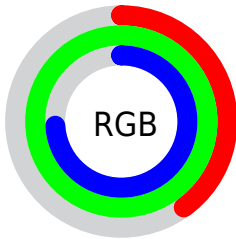
Format	Color
RYB	101, 198, 254
Decimal	6684349
CIELab	90.47, -55.31, 19.21
CIELCh	90, 58.554, 160.851
Yxy	77.3244, 0.2663, 0.4118
Android (android.graphics.Color)	4284874429 (0xFF65FEBD)
YUV	200.8430, -5.8386, -87.5623
Hunter-Lab	87.9343, -52.4011, 20.8060

Details

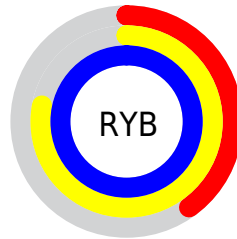
The Hex color **65FEBD** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FE65A6**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **A4FFF5**, and **08C487** is the 20% darker color. If you saturate the color by 10%, you get **4CFEB2**, and if you desaturate by 10%, it is **7EFEC8**.

Distribution



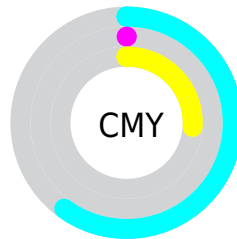
- Red (40%)
- Green (100%)
- Blue (74%)



- Red (40%)
- Yellow (78%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients

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

 65FEBD

 65FEBD

FFFFFF

 42E1A2

 A4FFF5

 08C487

 C2FFFF

 00A86E

 E1FFFF

 008D55

 00733E

 005927

 004012

 002900

 000300

 65FEBD

 65FEBD

 4CFEB2

 7EFEC8

 32FEA7

 98FED3

 19FE9D

 B1FEDD

 00FE92

 CBFEE8

 E4FEF3

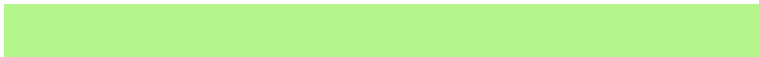
 FDFEFE

 FFFEFF

Harmonies

Analogous

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



B5F68C



65FEBD



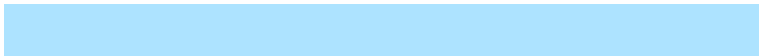
00FFF7

Triad

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



65FEBD



ADE3FF



FFC09D

Complementary

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



65FEBD



FE65A6

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.



FFB5D1



65FEBD



FFCDFF

Square

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



65FEBD



00F4FF



FFBBFF



FFD479

Rectangle

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



65FEBD



00FFFF



FFBBFF



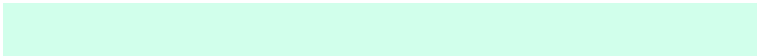
FFBBAD

Sweetspot

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



65FEBD



D1FFEB



A7FE65



638074



000000



808080

Same Dimension

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



65FEBD



47FFB1



65F4FE



73807A



00BF6E



004025

Inverse Universe

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



FE65A6



FF4795



FE6F65



807378



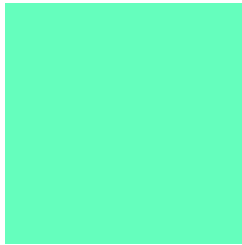
BF0051



40001B

Previews

White Background



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

Color Contrast Check

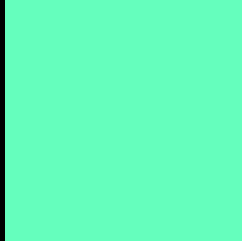
Large Text (above 18pt) WCAG AA × Fail

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 65FEBD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

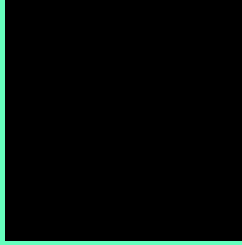
Any Text WCAG AA ✓ Pass

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 65FEBD Background



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

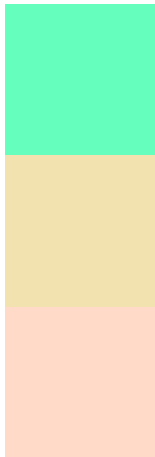


This preview shows how white text looks on a background with the Hex color 65FEBD.

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](#).

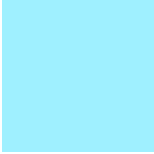
Dichromacy



Original Color
65FEBD

Protanopia
F1E2B0

Deuteranopia
FFDAC8



Tritanopia
9FF0FF

Trichromacy



Original Color
65FEBD



Protanomaly
BEECB5



Deuteranomaly
C7E7C4

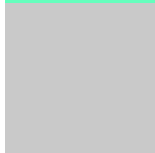


Tritanomaly
8AF5E7

Monochromacy



Original Color
65FEBD



Achromatopsia
C9C9C9



Achromatomaly
A5DCC5

CSS Examples

Text

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

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

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 #65FEBD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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