

Converting Colors

Hex(67FEBA)

Have a look what the booklet for
Hex(67FEBA) contains.

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Color

Hex(67FEBA)

Conversions

Conversions Part 1

Format	Color
Hex	67FEBA
RGB	103, 254, 186
RGB Percent	40%, 100%, 73%
CMY	0.5961, 0.0039, 0.2706
CMYK	0.59, 0.00, 0.27, 0.00
HSL	153°, 99%, 70%
HSV	153°, 59%, 100%
XYZ	49.8983, 77.3124, 58.7472
YIQ	201.0990, -68.1680, -53.1600

Conversions

Conversions Part 2

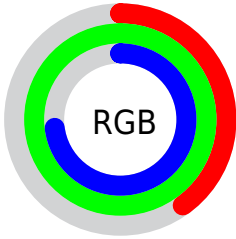
Format	Color
RYB	103, 200, 254
Decimal	6815418
CIELab	90.47, -55.55, 20.74
CIELCh	90, 59.294, 159.525
Yxy	77.3124, 0.2683, 0.4158
Android (android.graphics.Color)	4285005498 (0xFF67FEBA)
YUV	201.0990, -7.4438, -86.0328
Hunter-Lab	87.9274, -52.5754, 21.9356

Details

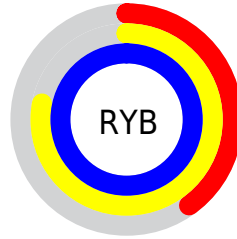
The Hex color **67FEBA** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FE67AB**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **A5FFF2**, and **12C485** is the 20% darker color. If you saturate the color by 10%, you get **4EFEAF**, and if you desaturate by 10%, it is **80FEC5**.

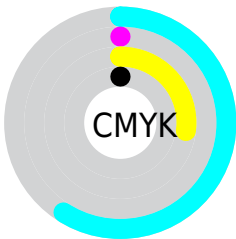
Distribution



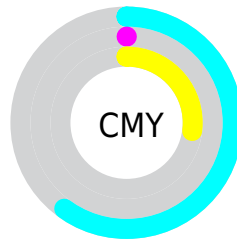
- Red (40%)
- Green (100%)
- Blue (73%)



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



- Cyan (59%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67FEBA 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 67FEBA by changing the saturation by 10% instead.

 67FEBA

FFFFFF

 A5FFF2

 C4FFFF

 E2FFFF

 67FEBA

 44E19F

 12C485

 00A86B

 008D53

 00733B

 005925

 00400F

 002900

 000300

 67FEBA

 67FEBA

 4EFEAF

 80FEC5

 34FEA3

 9AFED1

 1BFE98

 B3FEDC

 01FE8C

 CDFEE8

 00FE8C

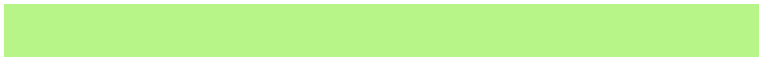
 E6FEF3

FFFEFF

Harmonies

Analogous

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



B7F589



67FEBA



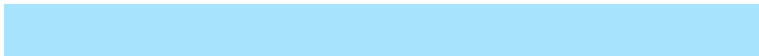
00FFF5

Triad

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



67FEBA



A7E3FF



FFBF9E

Complementary

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



67FEBA



FE67AB

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.



FFB5D4



67FEBA



FFCEFF

Square

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



67FEBA



00F4FF



FFBBFF



FFD379

Rectangle

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



67FEBA



00FFFF



FFBBFF



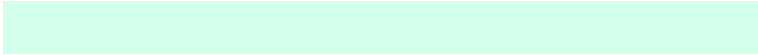
FFBAAF

Sweetspot

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



67FEBA



D1FFEA



ADFE67



638073



000000



808080

Same Dimension

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



67FEBA



4AFFAD



67F9FE



73807A



00BF69



004023

Inverse Universe

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



FE67AB



FF4A9B



FE6C67



807378



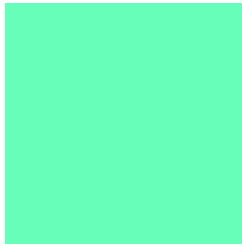
BF0056



40001D

Previews

White Background



This preview shows how the Hex color 67FEBA looks on a white background.

Color Contrast Check

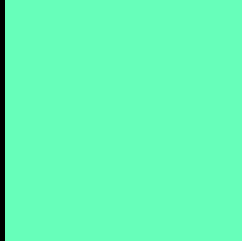
Large Text (above 18pt) WCAG AA × Fail

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 67FEBA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

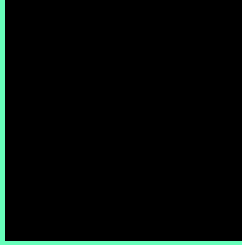
Any Text WCAG AA ✓ Pass

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 67FEBA Background



This preview shows how black text looks on a background with the Hex color 67FEBA.

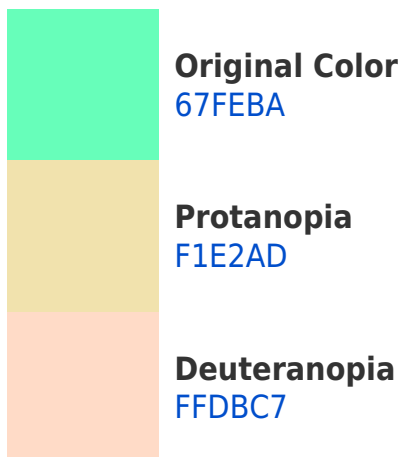


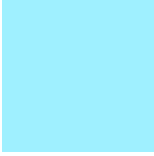
This preview shows how white text looks on a background with the Hex color 67FEBA.

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



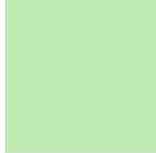


Tritanopia
9FF0FF

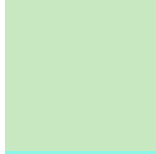
Trichromacy



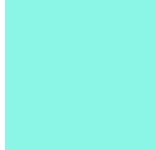
Original Color
67FEBA



Protanomaly
BFECB2

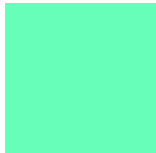


Deuteranomaly
C8E8C2

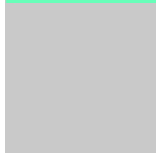


Tritanomaly
8BF5E6

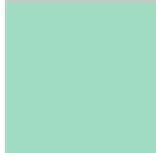
Monochromacy



Original Color
67FEBA



Achromatopsia
C9C9C9



Achromatomaly
A5DCC4

CSS Examples

Text

The CSS property to change the color of the text to Hex 67FEBA 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 #67FEBA looks like.

```
.text, #text, p{  
    color:#67FEBA  
}
```

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 #67FEBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67FEBA
}
```

Border

The CSS property to change the border of an element to Hex 67FEBA 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
#67FEBA }
```

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

```
.border{ border-color:#67FEBA }
```

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

Here you see how a box with a 4 pixel #67FEBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67FEBA; -webkit-box-shadow:4px 4px  
4px 4px #67FEBA; box-shadow:4px 4px 4px  
4px #67FEBA }
```

Background

The CSS property to change the background color of an element to Hex 67FEBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67FEBA }
```

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

```
.background{ background-color:#67FEBA }
```

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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