

Converting Colors

Hex(45F1BB)

Have a look what the booklet for
Hex(45F1BB) contains.

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Color

Hex(45F1BB)

Conversions

Conversions Part 1

Format	Color
Hex	45F1BB
RGB	69, 241, 187
RGB Percent	27%, 95%, 73%
CMY	0.7294, 0.0549, 0.2667
CMYK	0.71, 0.00, 0.22, 0.05
HSL	161°, 86%, 61%
HSV	161°, 71%, 95%
XYZ	42.8792, 67.7637, 57.8334
YIQ	183.4160, -85.1780, -53.2580

Conversions

Conversions Part 2

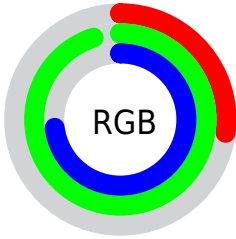
Format	Color
RYB	69, 171, 241
Decimal	4583867
CIELab	85.89, -55.70, 13.70
CIELCh	86, 57.356, 166.182
Yxy	67.7637, 0.2545, 0.4022
Android (android.graphics.Color)	4282773947 (0xFF45F1BB)
YUV	183.4160, 1.7669, -100.3428
Hunter-Lab	82.3187, -51.0784, 15.9686

Details

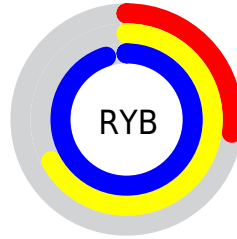
The Hex color **45F1BB** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **F1457B**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **8AFFF3**, and **00B886** is the 20% darker color. If you saturate the color by 10%, you get **2DF1B3**, and if you desaturate by 10%, it is **5DF1C3**.

Distribution



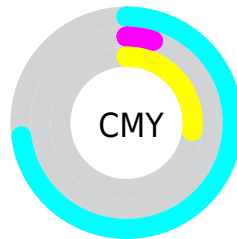
- Red (27%)
- Green (95%)
- Blue (73%)



- Red (27%)
- Yellow (67%)
- Blue (95%)



- Cyan (71%)
- Magenta (0%)
- Yellow (22%)
- Black (5%)



- Cyan (73%)
- Magenta (5%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45F1BB 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 45F1BB by changing the saturation by 10% instead.

 45F1BB

 45F1BB

FFFFFF

 06D4A0

 8AFFFB

 00B886

 AAFFFB

 009C6C

 C9FFFF

 008154

 E8FFFF

 00673D

 004D27

 003612

 001D00

 000000

 45F1BB

 45F1BB

 2DF1B3

 5DF1C3

 15F1AC

 75F1CA

 00F1A5

 8DF1D2

 A5F1D9

 BDF1E1

 D6F1E8

 EEF1F0

 FFF1F8

 FFF1FF

Harmonies

Analogous

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



9DEA89



45F1BB



00F3F3

Triad

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



45F1BB



B3D2FF



FFB78B

Complementary

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



45F1BB



F1457B

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.



FFAABB



45F1BB



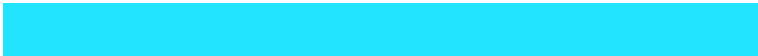
FFBDFF

Square

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



45F1BB



22E4FF



FFADF2



FFCB6C

Rectangle

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



45F1BB



00F1FF



FFADF2



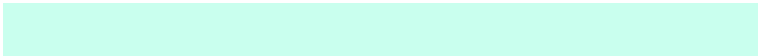
FFB299

Sweetspot

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



45F1BB



C9FFEE



7BF145



608075



000000



808080

Same Dimension

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



45F1BB



24FFBA



45D1F1



6C7874



00B87E



003826

Inverse Universe

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



F1457B



FF2469



F16545



786C70



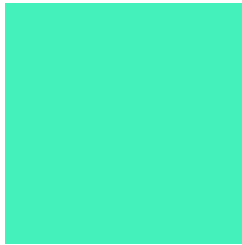
B8003A



380012

Previews

White Background



This preview shows how the Hex color 45F1BB looks on a white background.

Color Contrast Check

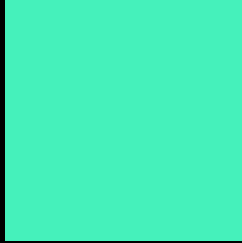
Large Text (above 18pt) WCAG AA × Fail

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 45F1BB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

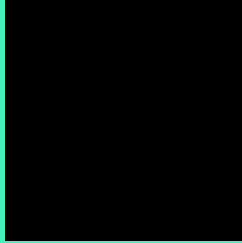
Any Text WCAG AA ✓ Pass

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 45F1BB Background



This preview shows how black text looks on a background with the Hex color 45F1BB.

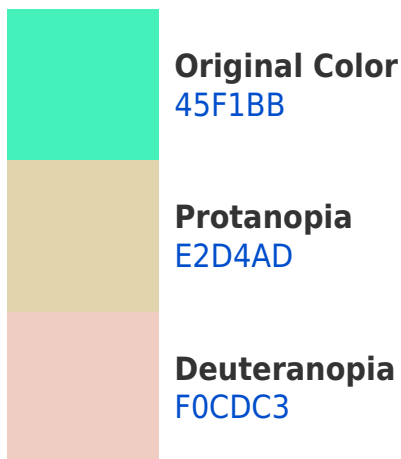


This preview shows how white text looks on a background with the Hex color 45F1BB.

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
63E8FB

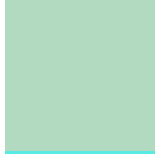
Trichromacy



Original Color
45F1BB



Protanomaly
A9DFB2



Deuteranomaly
B2DAC0

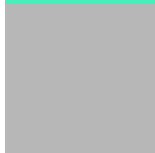


Tritanomaly
58EBE4

Monochromacy



Original Color
45F1BB



Achromatopsia
B7B7B7



Achromatomaly
8ECCB8

CSS Examples

Text

The CSS property to change the color of the text to Hex 45F1BB 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 #45F1BB looks like.

```
.text, #text, p{  
    color:#45F1BB  
}
```

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 #45F1BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45F1BB
}
```

Border

The CSS property to change the border of an element to Hex 45F1BB 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
#45F1BB }
```

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

```
.border{ border-color:#45F1BB }
```

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

Here you see how a box with a 4 pixel #45F1BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45F1BB; -webkit-box-shadow:4px 4px  
4px 4px #45F1BB; box-shadow:4px 4px 4px  
4px #45F1BB }
```

Background

The CSS property to change the background color of an element to Hex 45F1BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45F1BB }
```

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

```
.background{ background-color:#45F1BB }
```

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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