

Converting Colors

Hex(47F2BD)

Have a look what the booklet for
Hex(47F2BD) contains.

Hex(47F2BD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(47F2BD)

Conversions

Conversions Part 1

Format	Color
Hex	47F2BD
RGB	71, 242, 189
RGB Percent	28%, 95%, 74%
CMY	0.7216, 0.0510, 0.2588
CMYK	0.71, 0.00, 0.22, 0.05
HSL	161°, 87%, 61%
HSV	161°, 71%, 95%
XYZ	43.5360, 68.5180, 59.0748
YIQ	184.8290, -84.9030, -52.7350

Conversions

Conversions Part 2

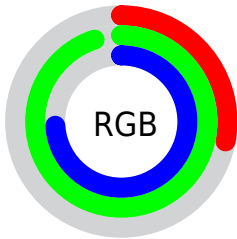
Format	Color
RYB	71, 172, 242
Decimal	4715197
CIELab	86.26, -55.37, 13.20
CIElCh	86, 56.922, 166.594
Yxy	68.5180, 0.2544, 0.4004
Android (android.graphics.Color)	4282905277 (0xFF47F2BD)
YUV	184.8290, 2.0563, -99.8280
Hunter-Lab	82.7756, -50.9749, 15.6292

Details

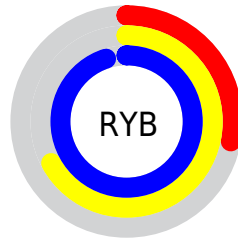
The Hex color **47F2BD** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed spring green. A complement of this color would be **F2477C**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **8CFFF5**, and **00B988** is the 20% darker color. If you saturate the color by 10%, you get **2FF2B5**, and if you desaturate by 10%, it is **5FF2C5**.

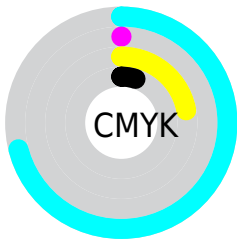
Distribution



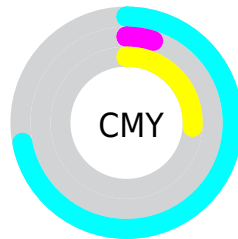
- Red (28%)
- Green (95%)
- Blue (74%)



- Red (28%)
- Yellow (67%)
- Blue (95%)



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



- Cyan (72%)
- Magenta (5%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47F2BD 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 47F2BD by changing the saturation by 10% instead.

 47F2BD

 47F2BD

FFFFFF

 0ED5A2

 8CFFF5

 00B988

 ABFFFF

 009D6E

 CAFFFF

 008256

 EAFFFF

 00683E

 004E28

 003614

 001E00

 000000

 47F2BD

 47F2BD

 2FF2B5

 5FF2C5

 17F2AE

 77F2CC

 00F2A7

 90F2D4

 A8F2DB

 C0F2E3

 D8F2EA

 F0F2F2

 FFF2F9

 FFF2FF

Harmonies

Analogous

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



9EEB8B



47F2BD



00F4F5

Triad

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



47F2BD



B5D3FF



FFB98C

Complementary

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



47F2BD



F2477C

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.



FFACBC



47F2BD



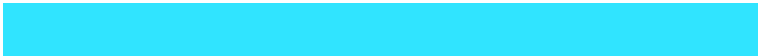
FFBEFF

Square

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



47F2BD



30E4FF



FFAEF2



FFCC6D

Rectangle

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



47F2BD



00F1FF



FFAEF2



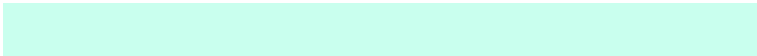
FFB39A

Sweetspot

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



47F2BD



C9FFEE



7DF247



608076



000000



808080

Same Dimension

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



47F2BD



26FFBC



47D3F2



6C7874



00B87F



003827

Inverse Universe

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



F2477C



FF2669



F26647



786C70



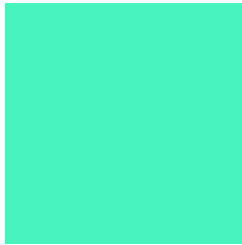
B80039



380011

Previews

White Background



This preview shows how the Hex color 47F2BD 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 47F2BD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

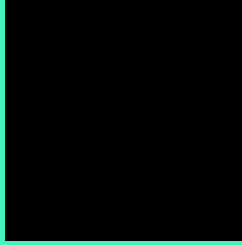
Any Text WCAG AA ✓ Pass

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 47F2BD Background



This preview shows how black text looks on a background with the Hex color 47F2BD.

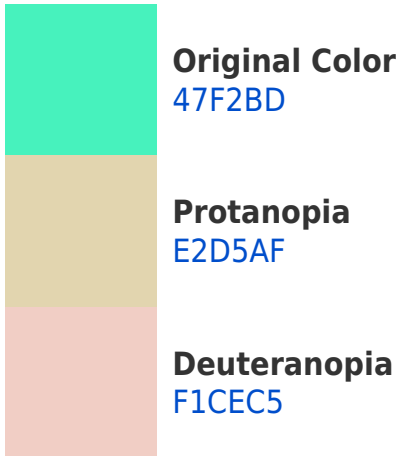


This preview shows how white text looks on a background with the Hex color 47F2BD.

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
64E9FC

Trichromacy



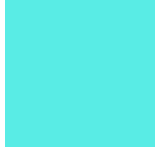
Original Color
47F2BD



Protanomaly
AAE0B4



Deuteranomaly
B3DBC2



Tritanomaly
59ECE5

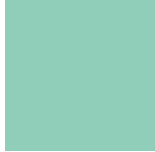
Monochromacy



Original Color
47F2BD



Achromatopsia
B9B9B9



Achromatomaly
90CEBA

CSS Examples

Text

The CSS property to change the color of the text to Hex 47F2BD 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 #47F2BD looks like.

```
.text, #text, p{  
    color:#47F2BD  
}
```

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 #47F2BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47F2BD
}
```

Border

The CSS property to change the border of an element to Hex 47F2BD 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
#47F2BD }
```

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

```
.border{ border-color:#47F2BD }
```

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

Here you see how a box with a 4 pixel #47F2BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47F2BD; -webkit-box-shadow:4px 4px  
4px 4px #47F2BD; box-shadow:4px 4px 4px  
4px #47F2BD }
```

Background

The CSS property to change the background color of an element to Hex 47F2BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47F2BD }
```

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

```
.background{ background-color:#47F2BD }
```

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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