

Converting Colors

Hex(47BFD3)

Have a look what the booklet for
Hex(47BFD3) contains.

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Color

Hex(47BFD3)

Conversions

Conversions Part 1

Format	Color
Hex	47BFD3
RGB	71, 191, 211
RGB Percent	28%, 75%, 83%
CMY	0.7216, 0.2510, 0.1725
CMYK	0.66, 0.09, 0.00, 0.17
HSL	189°, 61%, 55%
HSV	189°, 66%, 83%
XYZ	32.9872, 43.3043, 68.2480
YIQ	157.4000, -77.9400, -19.2200

Conversions

Conversions Part 2

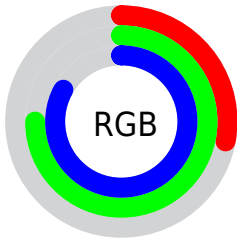
Format	Color
RYB	71, 136, 211
Decimal	4702163
CIELab	71.76, -26.90, -19.85
CIELCh	72, 33.434, 216.419
Yxy	43.3043, 0.2282, 0.2996
Android (android.graphics.Color)	4282892243 (0xFF47BFD3)
YUV	157.4000, 26.4248, -75.7728
Hunter-Lab	65.8060, -25.6822, -15.4259

Details

The Hex color **47BFD3** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **D35B47**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **87F8FF**, and **00899C** is the 20% darker color. If you saturate the color by 10%, you get **32BCD3**, and if you desaturate by 10%, it is **5CC2D3**.

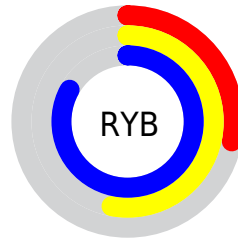
Distribution



Red (28%)

Green (75%)

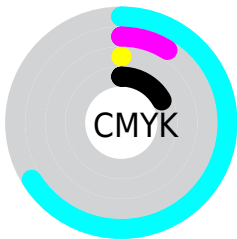
Blue (83%)



Red (28%)

Yellow (53%)

Blue (83%)

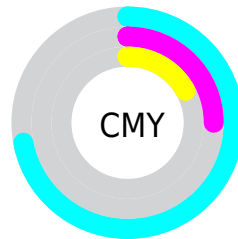


Cyan (66%)

Magenta (9%)

Yellow (0%)

Black (17%)



Cyan (72%)

Magenta (25%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47BFD3 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 47BFD3 by changing the saturation by 10% instead.

 47BFD3

 47BFD3

FFFFFF

 1CA4B7

 87F8FF

 00899C

 A5FFFF

 007082

 C3FFFF

 005769

 E2FFFF

 003F51

 00293A

 000E25

 00010D

 000000

■ 47BFD3

■ 47BFD3

■ 32BCD3

■ 5CC2D3

■ 1DB9D3

■ 71C5D3

■ 08B6D3

■ 86C8D3

■ 00B5D3

■ 9BCBD3

■ B1CED3

■ C6D1D3

■ DBD4D3

■ F0D7D3

■ FFDAD3

Harmonies

Analogous

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



56C1B6



47BFD3



62BAE7

Triad

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



47BFD3



DC9CC9



BEB073

Complementary

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



47BFD3



D35B47

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.



D9A679



47BFD3



EB99AA

Square

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



47BFD3



BCA6E1



EA9D8D



9DB97E

Rectangle

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



47BFD3



81B4EC



EA9D8D



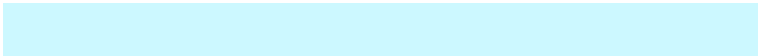
C8AD73

Sweetspot

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



47BFD3



CCF8FF



47D35A



617B80



000000



808080

Same Dimension

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



47BFD3



33E2FF



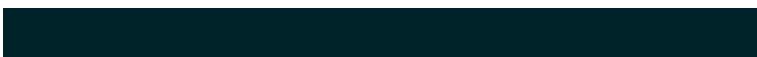
477AD3



5E6769



0090A8



002329

Inverse Universe

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



D347BF



FF33E2



D3A047



695E67



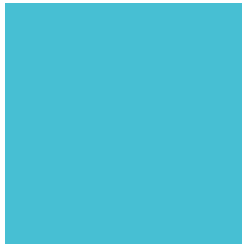
A80090



290023

Previews

White Background



This preview shows how the Hex color 47BFD3 looks on a white background.

Color Contrast Check

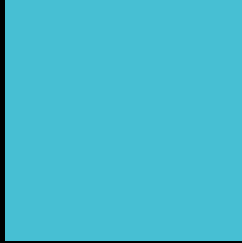
Large Text (above 18pt) WCAG AA × Fail

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 47BFD3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

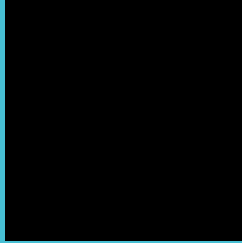
Any Text WCAG AA ✓ Pass

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 47BFD3 Background



This preview shows how black text looks on a background with the Hex color 47BFD3.

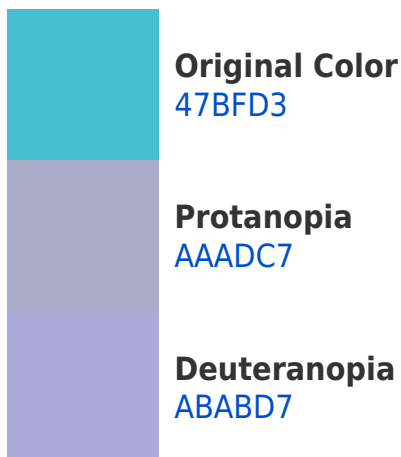


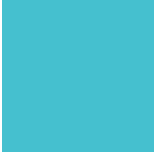
This preview shows how white text looks on a background with the Hex color 47BFD3.

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](#).

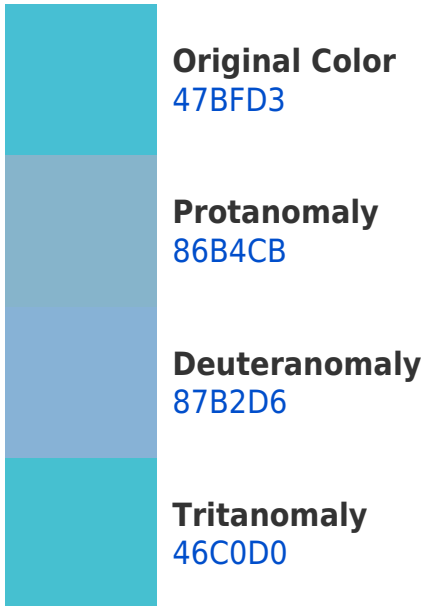
Dichromacy



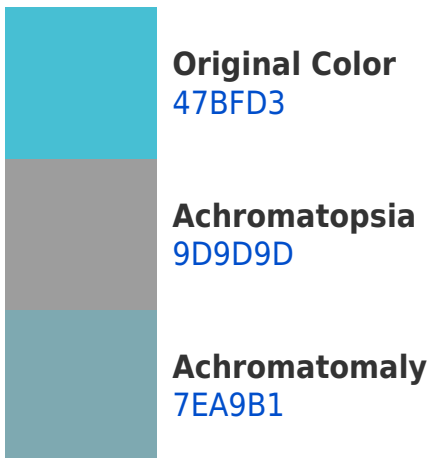


Tritanopia
45C0CF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47BFD3 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 #47BFD3 looks like.

```
.text, #text, p{  
    color:#47BFD3  
}
```

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 #47BFD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47BFD3
}
```

Border

The CSS property to change the border of an element to Hex 47BFD3 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
#47BFD3 }
```

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

```
.border{ border-color:#47BFD3 }
```

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

Here you see how a box with a 4 pixel #47BFD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47BFD3; -webkit-box-shadow:4px 4px  
4px 4px #47BFD3; box-shadow:4px 4px 4px  
4px #47BFD3 }
```

Background

The CSS property to change the background color of an element to Hex 47BFD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47BFD3 }
```

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

```
.background{ background-color:#47BFD3 }
```

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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