

Converting Colors

Hex(4BCDF7)

Have a look what the booklet for
Hex(4BCDF7) contains.

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Color

Hex(4BCDF7)

Conversions

Conversions Part 1

Format	Color
Hex	4BCDF7
RGB	75, 205, 247
RGB Percent	29%, 80%, 97%
CMY	0.7059, 0.1961, 0.0314
CMYK	0.70, 0.17, 0.00, 0.03
HSL	195°, 91%, 63%
HSV	195°, 70%, 97%
XYZ	41.5215, 51.8739, 95.8199
YIQ	170.9180, -90.9620, -14.4980

Conversions

Conversions Part 2

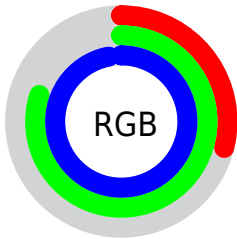
Format	Color
R _{YB}	75, 149, 247
Decimal	4967927
CIE Lab	77.21, -22.36, -30.96
CIE LCh	77, 38.191, 234.161
Yxy	51.8739, 0.2194, 0.2742
Android (android.graphics.Color)	4283158007 (0xFF4BCDF7)
YUV	170.9180, 37.5084, -84.1201
Hunter-Lab	72.0235, -23.1362, -28.4628

Details

The Hex color **4BCDF7** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **F7754B**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **8FFFFFF**, and **0097BF** is the 20% darker color. If you saturate the color by 10%, you get **32C7F7**, and if you desaturate by 10%, it is **64D3F7**.

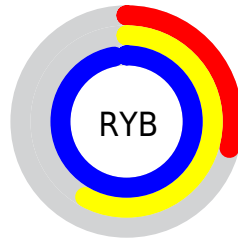
Distribution



Red (29%)

Green (80%)

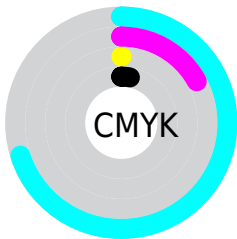
Blue (97%)



Red (29%)

Yellow (58%)

Blue (97%)

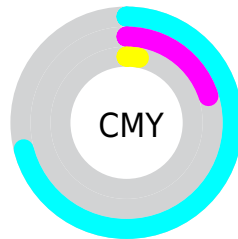


Cyan (70%)

Magenta (17%)

Yellow (0%)

Black (3%)



Cyan (71%)

Magenta (20%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BCDF7 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 4BCDF7 by changing the saturation by 10% instead.

 4BCDF7

 4BCDF7

FFFFFF

 19B1DA

 8FFFFFF

 0097BF

 AEFFFF

 007DA3

 CDFFFF

 006489

 ECFFFF

 004B6F

 003457

 00213F

 000329

 000113

■ 4BCDF7

■ 4BCDF7

■ 32C7F7

■ 64D3F7

■ 1AC1F7

■ 7CD9F7

■ 01BBF7

■ 95DFF7

■ 00BBF7

■ AEE5F7

■ C7EBF7

■ DFF1F7

■ F8F7F7

■ FFFDF7

■ FFFFF7

Harmonies

Analogous

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



3ED1DA



4BCDF7



82C4FF

Triad

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



4BCDF7



FEA4C7



B9C57D

Complementary

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



4BCDF7



F7754B

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.



DDBA78



4BCDF7



FFA5A3

Square

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



4BCDF7



E5ACE9



F7AE87



90CD94

Rectangle

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



4BCDF7



A8BCFF



F7AE87



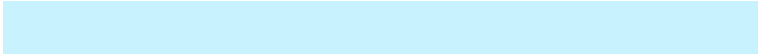
C6C279

Sweetspot

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



4BCDF7



C9F2FF



4BF773



607880



000000



808080

Same Dimension

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



4BCDF7



29CBFF



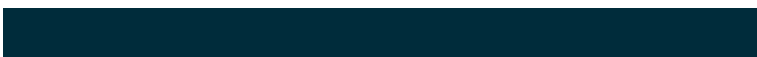
4B79F7



6E777A



008DBA



002C3B

Inverse Universe

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



F74BCD



FF29CB



F7C94B



7A6E77



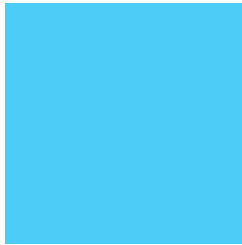
BA008D



3B002C

Previews

White Background



This preview shows how the Hex color 4BCDF7 looks on a white background.

Color Contrast Check

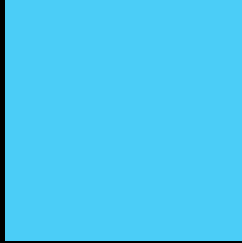
Large Text (above 18pt) WCAG AA × Fail

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 4BCDF7 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 4BCDF7 Background



This preview shows how black text looks on a background with the Hex color 4BCDF7.



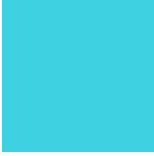
This preview shows how white text looks on a background with the Hex color 4BCDF7.

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](#).

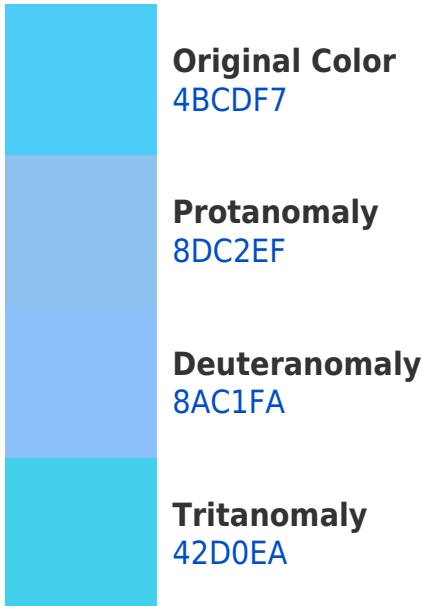
Dichromacy



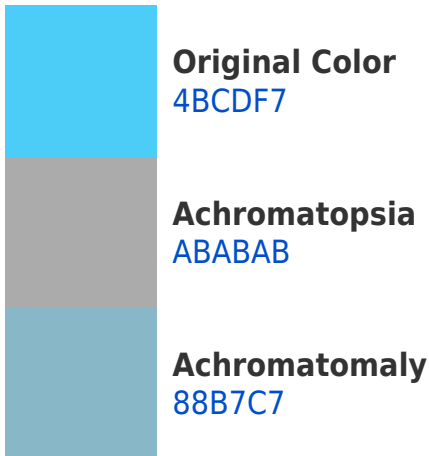


Tritanopia
3DD1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BCDF7 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 #4BCDF7 looks like.

```
.text, #text, p{  
    color:#4BCDF7  
}
```

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 #4BCDF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BCDF7
}
```

Border

The CSS property to change the border of an element to Hex 4BCDF7 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
#4BCDF7 }
```

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

```
.border{ border-color:#4BCDF7 }
```

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

Here you see how a box with a 4 pixel #4BCDF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BCDF7; -webkit-box-shadow:4px 4px  
4px 4px #4BCDF7; box-shadow:4px 4px 4px  
4px #4BCDF7 }
```

Background

The CSS property to change the background color of an element to Hex 4BCDF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BCDF7 }
```

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

```
.background{ background-color:#4BCDF7 }
```

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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