

Converting Colors

Hex(4BEDFA)

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

Hex(4BEDFA)	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(4BEDFA)

Conversions

Conversions Part 1

Format	Color
Hex	4BEDFA
RGB	75, 237, 250
RGB Percent	29%, 93%, 98%
CMY	0.7059, 0.0706, 0.0196
CMYK	0.70, 0.05, 0.00, 0.02
HSL	184°, 95%, 64%
HSV	184°, 70%, 98%
XYZ	50.4412, 68.9664, 101.0958
YIQ	190.0440, -100.7250, -30.3010

Conversions

Conversions Part 2

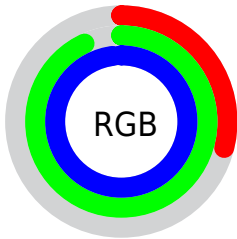
Format	Color
RYB	75, 159, 250
Decimal	4976122
CIELab	86.49, -36.95, -18.41
CIELCh	86, 41.278, 206.489
Yxy	68.9664, 0.2288, 0.3128
Android (android.graphics.Color)	4283166202 (0xFF4BEDFA)
YUV	190.0440, 29.5583, -100.8936
Hunter-Lab	83.0460, -36.9117, -14.0443

Details

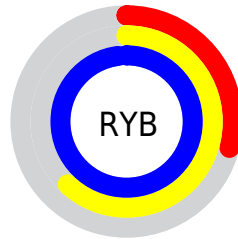
The Hex color **4BEDFA** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FA584B**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **92FFFF**, and **00B5C2** is the 20% darker color. If you saturate the color by 10%, you get **32EBFA**, and if you desaturate by 10%, it is **64EFFA**.

Distribution



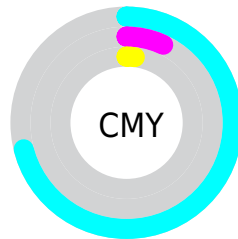
- Red (29%)
- Green (93%)
- Blue (98%)



- Red (29%)
- Yellow (62%)
- Blue (98%)



- Cyan (70%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (71%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

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

 4BEDFA

 4BEDFA

FFFFFF

 10D0DD

 92FFFF

 00B5C2

 B2FFFF

 0099A6

 D1FFFF

 007F8C

 F1FFFF

 006572

 004D5A

 003542

 00202C

 000118

 4BEDFA

 4BEDFA

 32EBFA

 64EFFA

 19E9FA

 7DF1FA

 00E7FA

 96F3FA

 AFF4FA

 C8F6FA

 E1F8FA

 FAFAFA

 FFFCFA

 FFFEFA

Harmonies

Analogous

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



71EDD2



4BEDFA



5FE8FF

Triad

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



4BEDFA



FFC3FF



F7D48A

Complementary

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



4BEDFA



FA584B

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.



FFC798



4BEDFA



FFBBDf

Square

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



4BEDFA



D7D0FF



FFBDB7



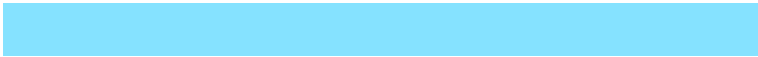
CFE191

Rectangle

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



4BEDFA



85E2FF



FFBDB7



FFD08D

Sweetspot

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



4BEDFA



C9FBFF



4BFA57



607D80



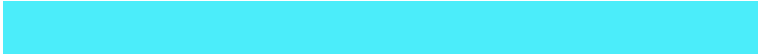
000000



808080

Same Dimension

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



4BEDFA



29EFFF



4B97FA



707C7D



00AFBD



00393D

Inverse Universe

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



FA4BED



FF29EF



FAAE4B



7D707C



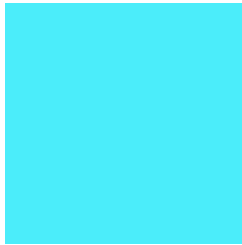
BD00AF



3D0039

Previews

White Background



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

Color Contrast Check

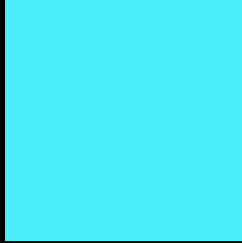
Large Text (above 18pt) WCAG AA × Fail

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 4BEDFA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

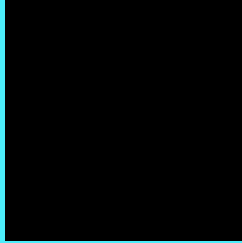
Any Text WCAG AA ✓ Pass

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 4BEDFA Background



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

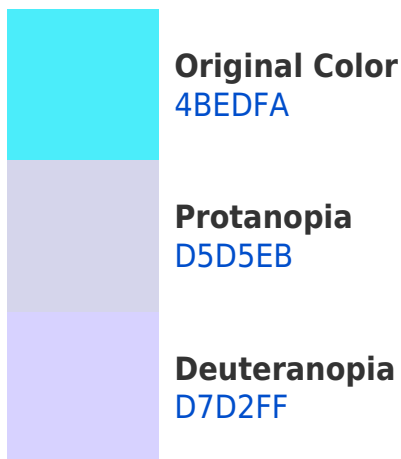


This preview shows how white text looks on a background with the Hex color 4BEDFA.

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



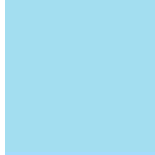


Tritanopia
51ECFF

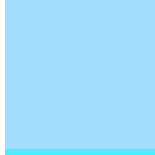
Trichromacy



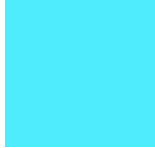
Original Color
4BEDFA



Protanomaly
A3DEF0



Deuteranomaly
A4DCFD

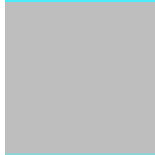


Tritanomaly
4FECFD

Monochromacy



Original Color
4BEDFA



Achromatopsia
BEBEBE



Achromatomaly
94CFD4

CSS Examples

Text

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

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

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 #4BEDFA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor