

# Converting Colors

Hex(4ABDF6)

Have a look what the booklet for  
Hex(4ABDF6) contains.

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# **Color**

**Hex(4ABDF6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4ABDF6
RGB	74, 189, 246
RGB Percent	29%, 74%, 96%
CMY	0.7098, 0.2588, 0.0353
CMYK	0.70, 0.23, 0.00, 0.04
HSL	200°, 91%, 63%
HSV	200°, 70%, 96%
XYZ	37.6562, 44.5049, 93.7944
YIQ	161.1130, -86.8370, -6.6530

# Conversions

## Conversions Part 2

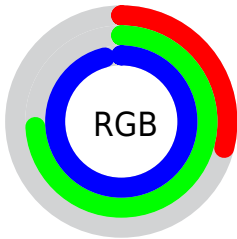
Format	Color
R <sub>Y</sub> B	74, 143, 246
Decimal	4898294
CIE <sub>Lab</sub>	72.56, -14.52, -37.60
CIE <sub>LCh</sub>	73, 40.306, 248.891
Yxy	44.5049, 0.2140, 0.2529
Android (android.graphics.Color)	4283088374 (0xFF4ABDF6)
YUV	161.1130, 41.8493, -76.3981
Hunter-Lab	66.7120, -15.9899, -36.6610

# Details

The Hex color **4ABDF6** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **F6834A**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **8DF5FF**, and **0088BD** is the 20% darker color. If you saturate the color by 10%, you get **31B5F6**, and if you desaturate by 10%, it is **63C5F6**.

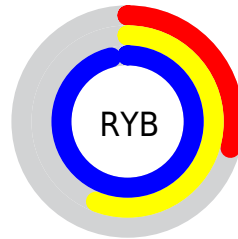
# Distribution



Red (29%)

Green (74%)

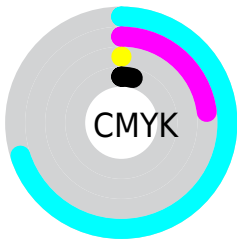
Blue (96%)



Red (29%)

Yellow (56%)

Blue (96%)

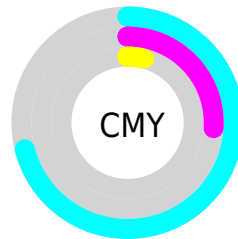


Cyan (70%)

Magenta (23%)

Yellow (0%)

Black (4%)



Cyan (71%)

Magenta (26%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4ABDF6 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 4ABDF6 by changing the saturation by 10% instead.



 4ABDF6

 4ABDF6

FFFFFF

 19A2D9

 8DF5FF

 0088BD

 ACFFFF

 006EA2

 CBFFFF

 005688

 EAFFFF

 003F6E

 002955

 00143E

 000327

 000111

 4ABDF6

 4ABDF6

 31B5F6

 63C5F6

 19ADF6

 7BCDF6

 00A5F6

 94D5F6

 00A4F6

 ACDEF6

 C5E6F6

 DEEEF6

 F6F6F6

 FFFE6F6

 FFFFF6

# Harmonies

## Analogous

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



00C4DF



4ABDF6



8EB2FB

# Triad

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



4ABDF6



F995A8



97BD77

# Complementary

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



4ABDF6



F6834A

# 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.



BFB368



4ABDF6



F59B86

# Square

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



4ABDF6



E999CD



E0A76E



69C496

# Rectangle

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



4ABDF6



B4A9F3



E0A76E



A5BA70

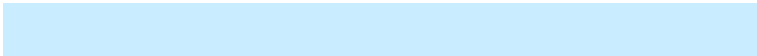


# Sweetspot

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



4ABDF6



C9EDFF



4AF680



607580



000000



808080



# Same Dimension

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



4ABDF6



29B8FF



4A6AF6



6E767A



007CBA



00273B



# Inverse Universe

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



F64ABD



FF29B8



F6D64A



7A6E76



BA007C

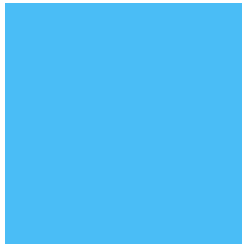


3B0027



# Previews

## White Background



This preview shows how the Hex color 4ABDF6 looks on a white background.

## Color Contrast Check

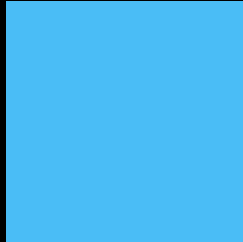
Large Text (above 18pt) WCAG AA × Fail

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 4ABDF6 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

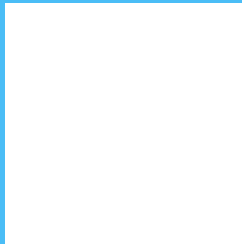
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4ABDF6 Background



This preview shows how black text looks on a background with the Hex color 4ABDF6.

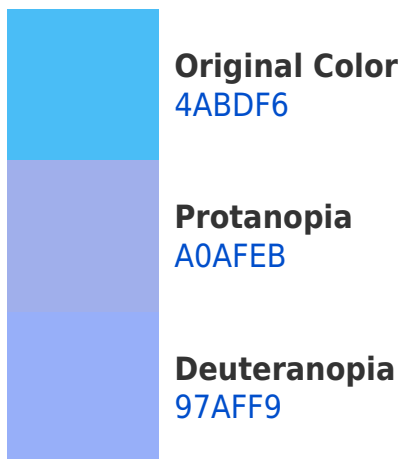


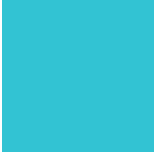
This preview shows how white text looks on a background with the Hex color 4ABDF6.

# 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



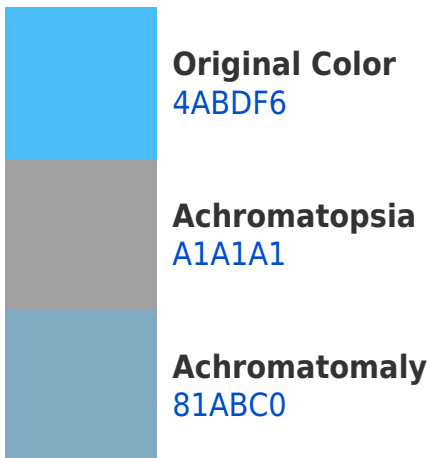


**Tritanopia**  
32C3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4ABDF6 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 #4ABDF6 looks like.

```
.text, #text, p{  
    color:#4ABDF6  
}
```

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 #4ABDF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4ABDF6
}
```

## Border

The CSS property to change the border of an element to Hex 4ABDF6 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
#4ABDF6 }
```

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

```
.border{ border-color:#4ABDF6 }
```

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

Here you see how a box with a 4 pixel #4ABDF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4ABDF6; -webkit-box-shadow:4px 4px  
4px 4px #4ABDF6; box-shadow:4px 4px 4px  
4px #4ABDF6 }
```

# Background

The CSS property to change the background color of an element to Hex 4ABDF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ABDF6 }
```

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

```
.background{ background-color:#4ABDF6 }
```

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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