

# Converting Colors

Hex(4FACEB)

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

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# **Color**

**Hex(4FACEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FACEB
RGB	79, 172, 235
RGB Percent	31%, 67%, 92%
CMY	0.6902, 0.3255, 0.0784
CMYK	0.66, 0.27, 0.00, 0.08
HSL	204°, 80%, 62%
HSV	204°, 66%, 92%
XYZ	32.9724, 37.1655, 84.0331
YIQ	151.3750, -75.6510, -0.1230

# Conversions

## Conversions Part 2

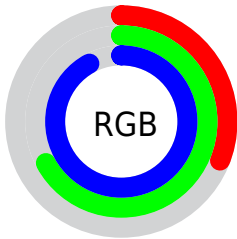
Format	Color
R <sub>Y</sub> B	79, 137, 235
Decimal	5221611
CIE Lab	67.40, -8.16, -39.66
CIE LCh	67, 40.490, 258.369
Yxy	37.1655, 0.2139, 0.2411
Android (android.graphics.Color)	4283411691 (0xFF4FACEB)
YUV	151.3750, 41.2271, -63.4729
Hunter-Lab	60.9635, -10.1436, -39.0519

# Details

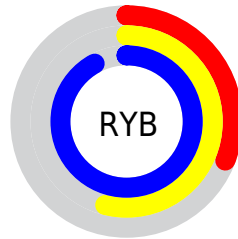
The Hex color **4FACEB** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **EB8E4F**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **8FE3FF**, and **0078B3** is the 20% darker color. If you saturate the color by 10%, you get **38A3EB**, and if you desaturate by 10%, it is **67B5EB**.

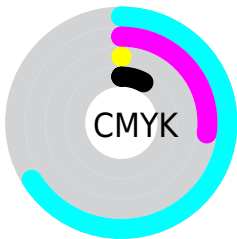
# Distribution



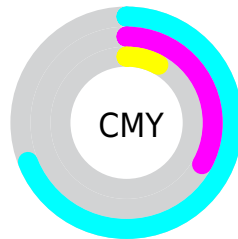
- Red (31%)
- Green (67%)
- Blue (92%)



- Red (31%)
- Yellow (54%)
- Blue (92%)



- Cyan (66%)
- Magenta (27%)
- Yellow (0%)
- Black (8%)



- Cyan (69%)
- Magenta (33%)
- Yellow (8%)

# Brightness & Saturation Gradients

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



 4FACEB

 4FACEB

FFFFFF

 2792CF

 8FE3FF

 0078B3

 ADFFFF

 005F98

 CBFFFF

 00487E

 EAFFFF

 003264

 001E4C

 000535

 00021F

 000002

 4FACEB

 4FACEB

 38A3EB

 67B5EB

 2099EB

 7EBFEB

 0990EB

 95C8EB

 008CEB

 ADD2EB

 C5DBEB

 DCE5EB

 F4EEEB

 FFF8EB

 FFFFEB

# Harmonies

## Analogous

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



00B4DA



4FACEB



92A0E9

# Triad

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



4FACEB



EB888F



7BB272

# Complementary

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



4FACEB



EB8E4F

# 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.



A5A95D



4FACEB



E1906F

# Square

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



4FACEB



E289B4



C89D5C



48B694

# Rectangle

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



4FACEB



B597DD



C89D5C



8AAF69

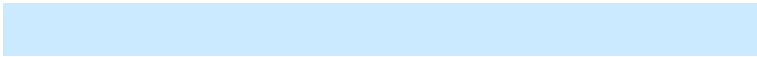


# Sweetspot

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



4FACEB



CCEAFF



4FEB8D



617380



000000



808080

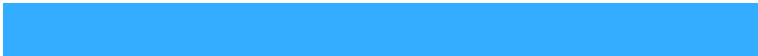


# Same Dimension

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



4FACEB



33ADFF



4F5FEB



6A7175



006CB5



002036



# Inverse Universe

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



EB4FAC



FF33AD



EBDB4F



756A71



B5006C

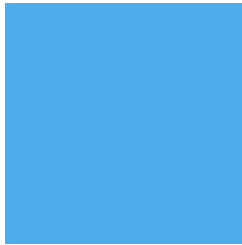


360020



# Previews

## White Background



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

## Color Contrast Check

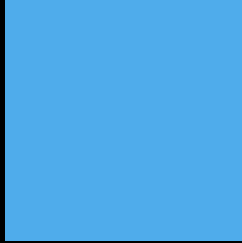
Large Text (above 18pt) WCAG AA × Fail

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 4FACEB 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

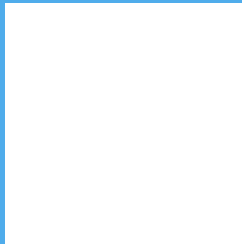
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4FACEB Background



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

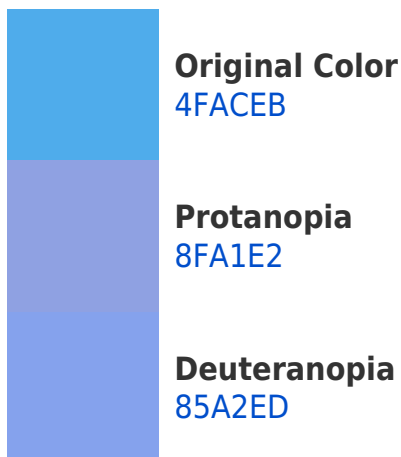


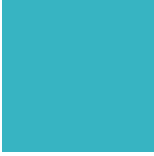
This preview shows how white text looks on a background with the Hex color 4FACEB.

# 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](#).

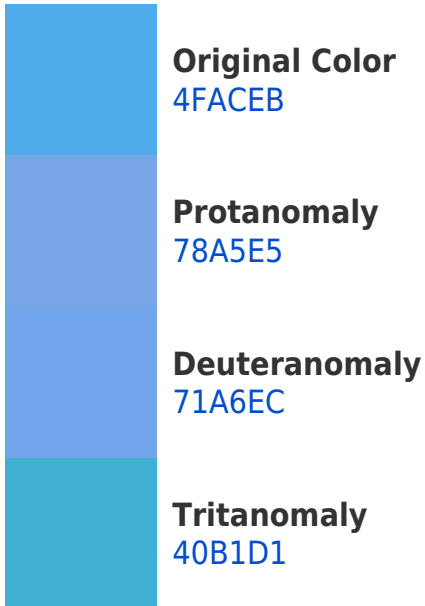
## Dichromacy



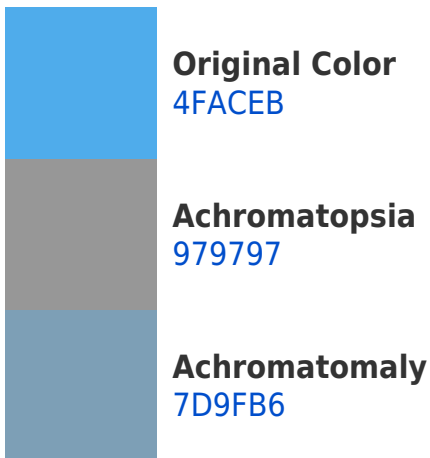


**Tritanopia**  
37B4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #4FACEB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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