

# Converting Colors

Hex(2FB0EC)

Have a look what the booklet for  
Hex(2FB0EC) contains.

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**Color**

**Hex(2FB0EC)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 2FB0EC                      |
| RGB         | 47, 176, 236                |
| RGB Percent | 18%, 69%, 93%               |
| CMY         | 0.8157, 0.3098, 0.0745      |
| CMYK        | 0.80, 0.25, 0.00, 0.07      |
| HSL         | 199°, 83%, 55%              |
| HSV         | 199°, 80%, 93%              |
| XYZ         | 31.8379, 37.7111, 84.9578   |
| YIQ         | 144.2690, -96.1440, -8.6880 |

# Conversions

## Conversions Part 2

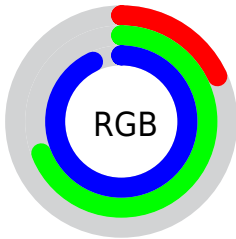
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 47, 124, 236                   |
| Decimal                             | 3125484                        |
| CIE Lab                             | 67.81, -13.99, -39.63          |
| CIE LCh                             | 68, 42.026, 250.555            |
| Yxy                                 | 37.7111, 0.2061,<br>0.2441     |
| Android<br>(android.graphics.Color) | 4281315564<br>(0xFF2FB0EC)     |
| YUV                                 | 144.2690, 45.2234,<br>-85.3049 |
| Hunter-Lab                          | 61.4094, -14.9224,<br>-39.0391 |

# Details

The Hex color **2FB0EC** is a light color, and the websafe version is hex **0099CC**. The color can be described as light washed azure. A complement of this color would be **EC6B2F**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **7AE8FF**, and **007CB4** is the 20% darker color. If you saturate the color by 10%, you get **17A9EC**, and if you desaturate by 10%, it is **47B7EC**.

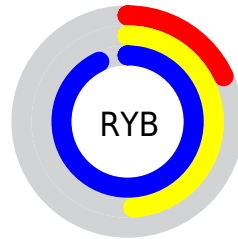
# Distribution



Red (18%)

Green (69%)

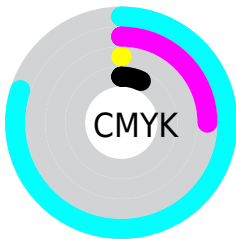
Blue (93%)



Red (18%)

Yellow (49%)

Blue (93%)

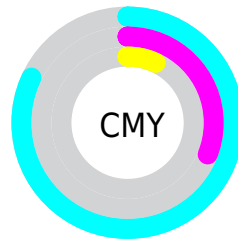


Cyan (80%)

Magenta (25%)

Yellow (0%)

Black (7%)



Cyan (82%)

Magenta (31%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2FB0EC 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 2FB0EC by changing the saturation by 10% instead.



 2FB0EC

 2FB0EC

FFFFFF

 0095D0

 7AE8FF

 007CB4

 9AFFFF

 006399

 BAFFFF

 004B7F

 D9FFFF

 003465

 F8FFFF

 00204D

 000536

 000220

 000003

 2FB0EC

 2FB0EC

 17A9EC

 47B7EC

 00A1EC

 5EBFEC

 76C6EC

 8DCEEC

 A5D5EC

 BDDDEC

 D4E4EC

 ECECEC

 FFF3EC

# Harmonies

## Analogous

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



00B7D5



2FB0EC



82A4EF

# Triad

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



2FB0EC



EE8799



87B16A

# Complementary

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



2FB0EC



EC6B2F

# 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.



B0A759



2FB0EC



E88E76

# Square

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



2FB0EC



DF8ABF



D29A5E



54B78B

# Rectangle

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



2FB0EC



AA9BE7



D29A5E



95AE62

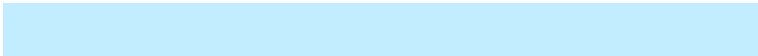


# Sweetspot

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



2FB0EC



C2ECFF



2FEC6B



5B7480



000000



808080

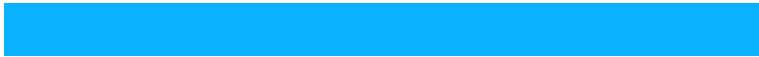


# Same Dimension

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



2FB0EC



0AB1FF



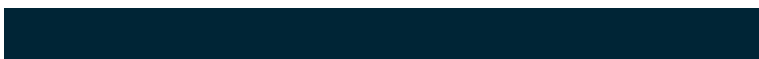
2F52EC



6A7275



007CB5



002536



# Inverse Universe

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



EC2FB0



FF0AB1



ECC92F



756A72



B5007C

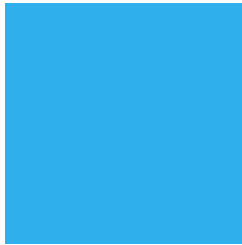


360025



# Previews

## White Background



This preview shows how the Hex color 2FB0EC looks on a white background.

## Color Contrast Check

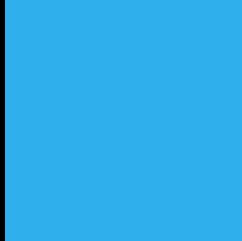
Large Text (above 18pt) WCAG AA × Fail

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 2FB0EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

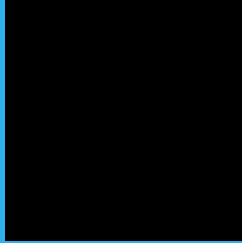
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

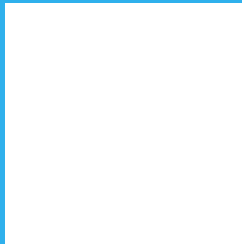
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2FB0EC Background



This preview shows how black text looks on a background with the Hex color 2FB0EC.



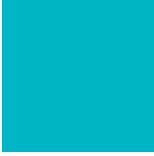
This preview shows how white text looks on a background with the Hex color 2FB0EC.

# 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](#).

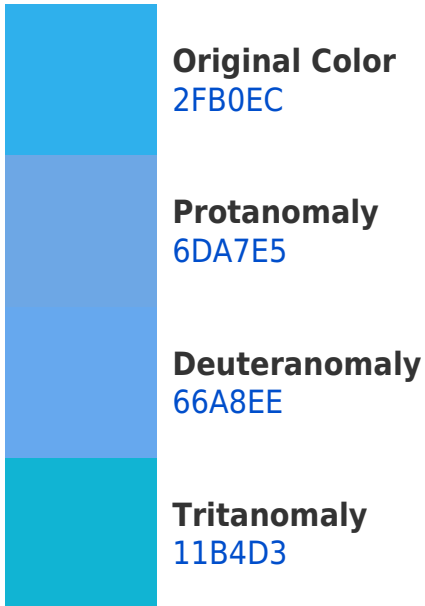
## Dichromacy





**Tritanopia**  
00B6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2FB0EC 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 #2FB0EC looks like.

```
.text, #text, p{  
    color:#2FB0EC  
}
```

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 #2FB0EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FB0EC
}
```

## Border

The CSS property to change the border of an element to Hex 2FB0EC 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
#2FB0EC }
```

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

```
.border{ border-color:#2FB0EC }
```

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

Here you see how a box with a 4 pixel #2FB0EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FB0EC; -webkit-box-shadow:4px 4px  
4px 4px #2FB0EC; box-shadow:4px 4px 4px  
4px #2FB0EC }
```

# Background

The CSS property to change the background color of an element to Hex 2FB0EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FB0EC }
```

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

```
.background{ background-color:#2FB0EC }
```

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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