

# Converting Colors

Hex(3FB2E0)

Have a look what the booklet for  
Hex(3FB2E0) contains.

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# **Color**

**Hex(3FB2E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FB2E0
RGB	63, 178, 224
RGB Percent	25%, 70%, 88%
CMY	0.7529, 0.3020, 0.1216
CMYK	0.72, 0.21, 0.00, 0.12
HSL	197°, 72%, 56%
HSV	197°, 72%, 88%
XYZ	31.4248, 38.2794, 76.2534
YIQ	148.8590, -83.3060, -10.0740

# Conversions

## Conversions Part 2

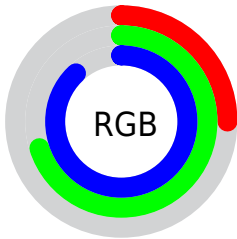
Format	Color
R <sub>YB</sub>	63, 130, 224
Decimal	4174560
CIE Lab	68.23, -17.30, -32.39
CIE LCh	68, 36.723, 241.887
Yxy	38.2794, 0.2153, 0.2623
Android (android.graphics.Color)	4282364640 (0xFF3FB2E0)
YUV	148.8590, 37.0445, -75.2983
Hunter-Lab	61.8703, -17.6103, -29.7640

# Details

The Hex color **3FB2E0** 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 **E06D3F**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **82EAFF**, and **007DA9** is the 20% darker color. If you saturate the color by 10%, you get **29ACE0**, and if you desaturate by 10%, it is **55B8E0**.

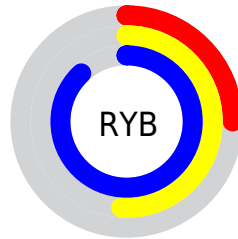
# Distribution



Red (25%)

Green (70%)

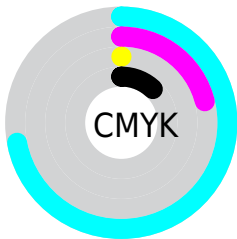
Blue (88%)



Red (25%)

Yellow (51%)

Blue (88%)

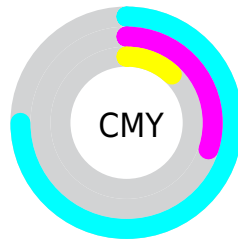


Cyan (72%)

Magenta (21%)

Yellow (0%)

Black (12%)



Cyan (75%)

Magenta (30%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3FB2E0 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 3FB2E0 by changing the saturation by 10% instead.



 3FB2E0

 3FB2E0

FFFFFF

 0197C4

 82EAFB

 007DA9

 A1FFFF

 00648E

 BFFFFFF

 004C74

 DEFFFF

 00355B

 FDFFFF

 002144

 00032D

 000118

 000000

 3FB2E0

 3FB2E0

 29ACE0

 55B8E0

 12A5E0

 6CBFE0

 00A0E0

 82C5E0

 99CCE0

 AFD2E0

 C5D8E0

 DCDFE0

 F2E5E0

 FFECE0

# Harmonies

## Analogous

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



19B7C8



3FB2E0



7AA9E8

# Triad

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



3FB2E0



E58DA5



97AF6D

# Complementary

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



3FB2E0



E06D3F

# 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.



BAA563



3FB2E0



E59085

# Square

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



3FB2E0



D292C6



D6996D



6FB586

# Rectangle

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



3FB2E0



9DA1E4



D6996D



A4AC68

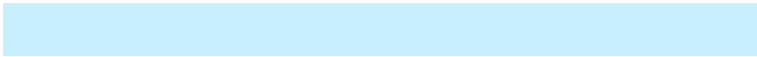


# Sweetspot

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



3FB2E0



C7EFFF



3FE06D



5E7680



000000



808080



# Same Dimension

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



3FB2E0



24C0FF



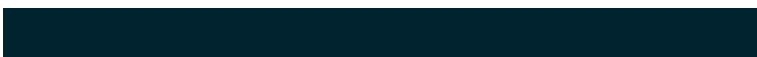
3F62E0



656D70



007EB0



002330



# Inverse Universe

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



E03FB2



FF24C0



E0BD3F



70656D



B0007E



300023



# Previews

## White Background



This preview shows how the Hex color 3FB2E0 looks on a white background.

## Color Contrast Check

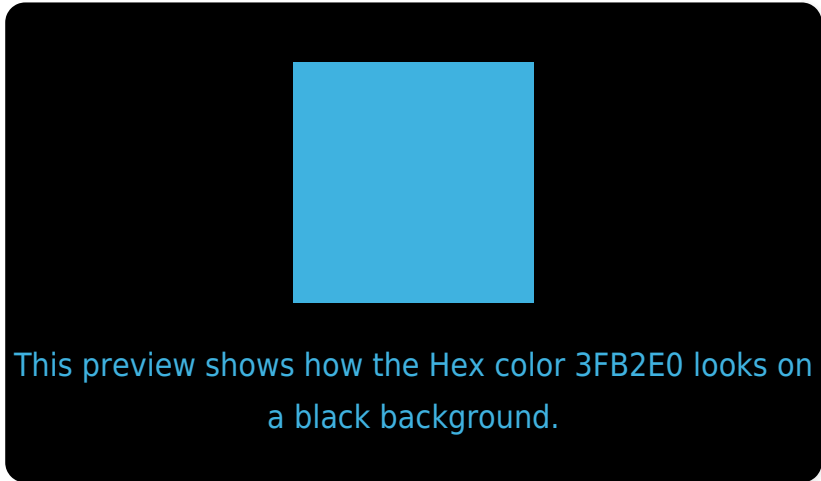
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 3FB2E0 Background



This preview shows how black text looks on a background with the Hex color 3FB2E0.

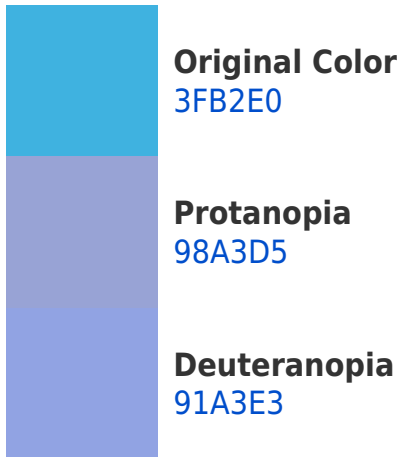


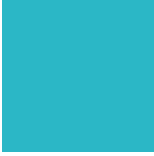
This preview shows how white text looks on a background with the Hex color 3FB2E0.

# 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](#).

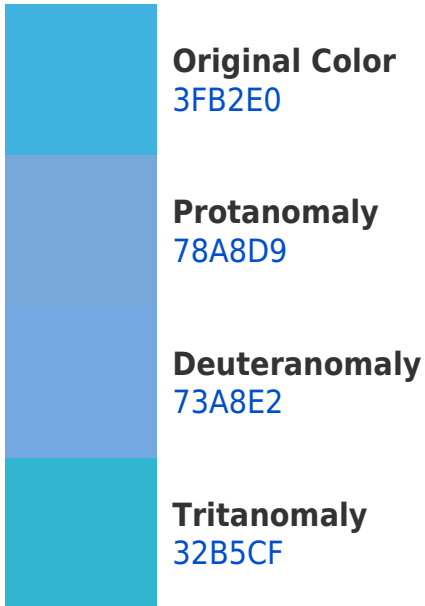
## Dichromacy





**Tritanopia**  
2BB7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3FB2E0 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 #3FB2E0 looks like.

```
.text, #text, p{  
    color:#3FB2E0  
}
```

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 #3FB2E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FB2E0
}
```

## Border

The CSS property to change the border of an element to Hex 3FB2E0 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
#3FB2E0 }
```

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

```
.border{ border-color:#3FB2E0 }
```

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

Here you see how a box with a 4 pixel #3FB2E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FB2E0; -webkit-box-shadow:4px 4px  
4px 4px #3FB2E0; box-shadow:4px 4px 4px  
4px #3FB2E0 }
```

# Background

The CSS property to change the background color of an element to Hex 3FB2E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FB2E0 }
```

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

```
.background{ background-color:#3FB2E0 }
```

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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