

# Converting Colors

Hex(3DB2EC)

Have a look what the booklet for  
Hex(3DB2EC) contains.

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# **Color**

**Hex(3DB2EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DB2EC
RGB	61, 178, 236
RGB Percent	24%, 70%, 93%
CMY	0.7608, 0.3020, 0.0745
CMYK	0.74, 0.25, 0.00, 0.07
HSL	200°, 82%, 58%
HSV	200°, 74%, 93%
XYZ	32.9852, 38.8890, 85.1247
YIQ	149.6290, -88.3500, -6.7660

# Conversions

## Conversions Part 2

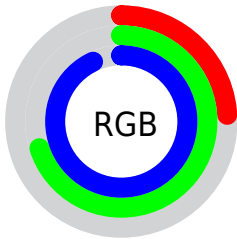
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	61, 131, 236
Decimal	4043500
CIE Lab	68.67, -13.59, -38.26
CIE LCh	69, 40.603, 250.443
Yxy	38.8890, 0.2101, 0.2477
Android (android.graphics.Color)	4282233580 (0xFF3DB2EC)
YUV	149.6290, 42.5809, -77.7276
Hunter-Lab	62.3611, -14.7163, -37.2799

# Details

The Hex color **3DB2EC** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **EC773D**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **82EAFF**, and **007DB4** is the 20% darker color. If you saturate the color by 10%, you get **25AAEC**, and if you desaturate by 10%, it is **55BAEC**.

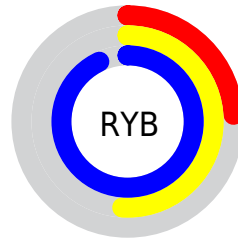
# Distribution



Red (24%)

Green (70%)

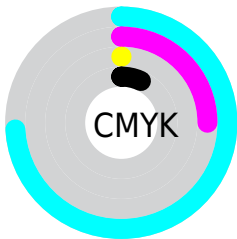
Blue (93%)



Red (24%)

Yellow (51%)

Blue (93%)

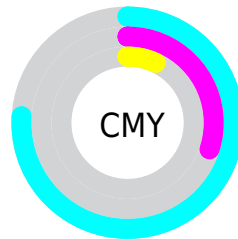


Cyan (74%)

Magenta (25%)

Yellow (0%)

Black (7%)



Cyan (76%)

Magenta (30%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DB2EC 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 3DB2EC by changing the saturation by 10% instead.



 3DB2EC

 3DB2EC

FFFFFF

 0097D0

 82EAFB

 007DB4

 A2FFFF

 006599

 C1FFFF

 004D7F

 DFFFFF

 003665

FEFFFF

 00214D

 000536

 000220

 000004

■ 3DB2EC

■ 3DB2EC

■ 25AAEC

■ 55BAEC

■ 0EA2EC

■ 6CC2EC

■ 009EEC

■ 84C9EC

■ 9BD1EC

■ B3D9EC

■ CBE1EC

■ E2E9EC

■ FAF1EC

■ FFF8EC

# Harmonies

## Analogous

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



00B9D6



3DB2EC



86A7EF

# Triad

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



3DB2EC



EE8A9C



8AB36E

# Complementary

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



3DB2EC



EC773D

# 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.



B3A95E



3DB2EC



E9917A

# Square

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



3DB2EC



E08EC1



D39D63



5BB98E

# Rectangle

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



3DB2EC



AC9EE7



D39D63



98B067

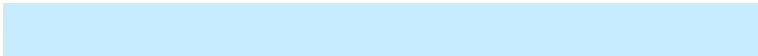


# Sweetspot

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



3DB2EC



C7ECFF



3DEC74



5E7580



000000



808080

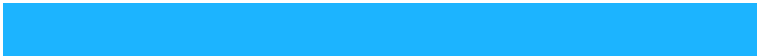


# Same Dimension

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



3DB2EC



1CB4FF



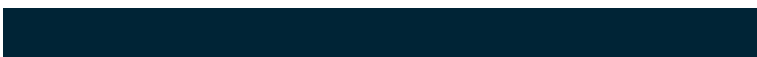
3D5DEC



6A7175



0079B5



002436



# Inverse Universe

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



EC3DB2



FF1CB4



ECCC3D



756A71



B50079

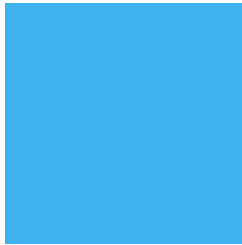


360024



# Previews

## White Background



This preview shows how the Hex color 3DB2EC looks on a white background.

## Color Contrast Check

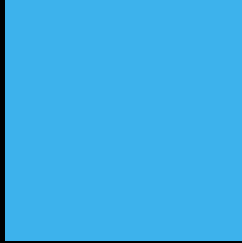
Large Text (above 18pt) WCAG AA × Fail

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 3DB2EC 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

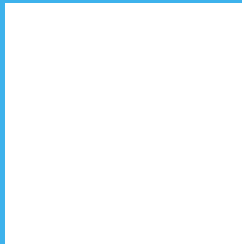
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3DB2EC Background



This preview shows how black text looks on a background with the Hex color 3DB2EC.

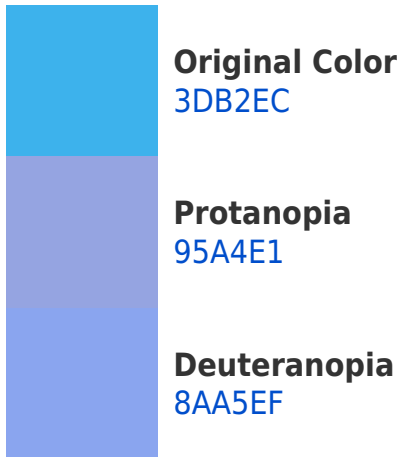


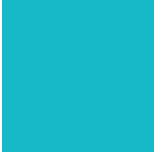
This preview shows how white text looks on a background with the Hex color 3DB2EC.

# 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](#).

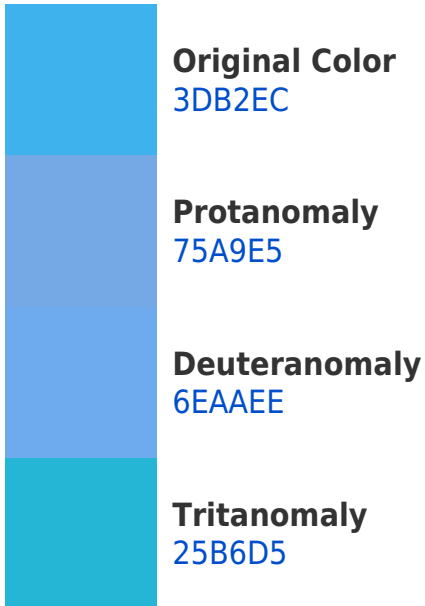
## Dichromacy





**Tritanopia**  
17B9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DB2EC 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 #3DB2EC looks like.

```
.text, #text, p{  
    color:#3DB2EC  
}
```

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 #3DB2EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DB2EC
}
```

## Border

The CSS property to change the border of an element to Hex 3DB2EC 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
#3DB2EC }
```

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

```
.border{ border-color:#3DB2EC }
```

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

Here you see how a box with a 4 pixel #3DB2EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DB2EC; -webkit-box-shadow:4px 4px  
4px 4px #3DB2EC; box-shadow:4px 4px 4px  
4px #3DB2EC }
```

# Background

The CSS property to change the background color of an element to Hex 3DB2EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DB2EC }
```

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

```
.background{ background-color:#3DB2EC }
```

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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