

Converting Colors

Hex(3BEC EC)

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

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Color

Hex(3BECEC)

Conversions

Conversions Part 1

Format	Color
Hex	3BECEC
RGB	59, 236, 236
RGB Percent	23%, 93%, 93%
CMY	0.7686, 0.0745, 0.0745
CMYK	0.75, 0.00, 0.00, 0.07
HSL	180°, 82%, 58%
HSV	180°, 75%, 93%
XYZ	46.9394, 66.9768, 89.8107
YIQ	183.0770, -105.4920, -37.5240

Conversions

Conversions Part 2

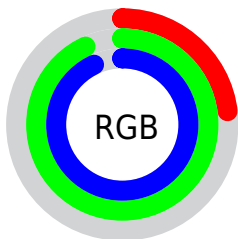
Format	Color
RYB	59, 148, 236
Decimal	3927276
CIELab	85.49, -42.25, -12.58
CIELCh	85, 44.082, 196.580
Yxy	66.9768, 0.2304, 0.3288
Android (android.graphics.Color)	4282117356 (0xFF3BECEC)
YUV	183.0770, 26.0910, -108.8155
Hunter-Lab	81.8394, -40.8393, -7.7774

Details

The Hex color **3BECEC** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **EC3B3B**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **87FFFF**, and **00B3B4** is the 20% darker color. If you saturate the color by 10%, you get **23ECEC**, and if you desaturate by 10%, it is **53ECEC**.

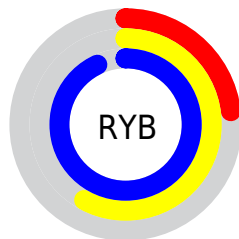
Distribution



Red (23%)

Green (93%)

Blue (93%)



Red (23%)

Yellow (58%)

Blue (93%)

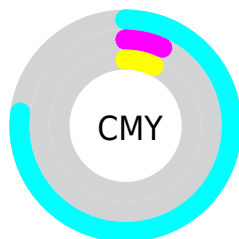


Cyan (75%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (77%)

Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients

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

 3BECEC

 3BECEC


FFFFFF

 00CFD0

 87FFFF

 00B3B4

 A7FFFF

 009899

 C7FFFF

 007E80

 E7FFFF

 006467

 004B4F

 003338

 001D22

 00000C

 3BECEC

 3BECEC

 23ECEC

 53ECEC

 0CECEC

 6AECEC

 00ECEC

 82ECEC

 99ECEC

 B1ECEC

 C9ECEC

 E0ECEC

 F8ECEC

 FFECEC

Harmonies

Analogous

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



76EBC1



3BECEC



32E8FF

Triad

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



3BECEC



F7C3FF



FFCD85

Complementary

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



3BECEC



EC3B3B

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.



FFBF9B



3BECEC



FFB7EA

Square

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



3BECEC



BFD2FF



FFB6C0



DADA84

Rectangle

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



3BECEC



60E3FF



FFB6C0



FFC88A

Sweetspot

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



3BECEC



C4FFFF



3BEC3B



5C8080



000000



808080

Same Dimension

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



3BECEC



19FFFF



3B93EC



6A7575



00B5B5



003636

Inverse Universe

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



EC3BEC



FF19FF



EC933B



756A75



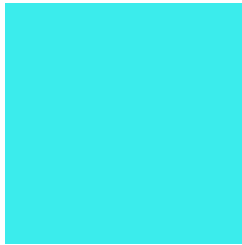
B500B5



360036

Previews

White Background



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

Color Contrast Check

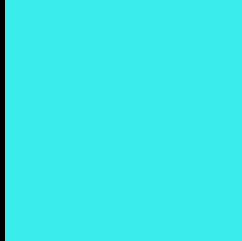
Large Text (above 18pt) WCAG AA × Fail

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 3BECEC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

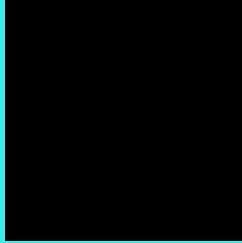
Any Text WCAG AA ✓ Pass

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 3BECEC Background



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

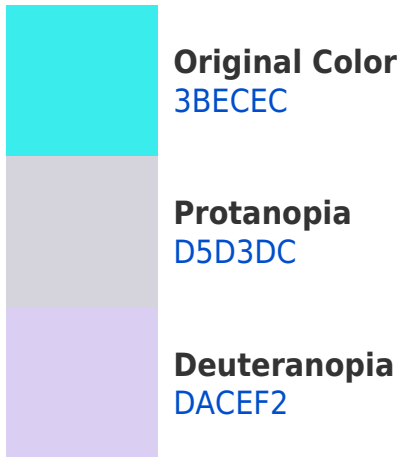


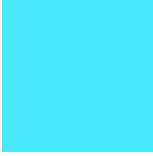
This preview shows how white text looks on a background with the Hex color 3BECEC.

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



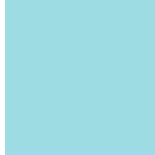


Tritanopia
47E9FC

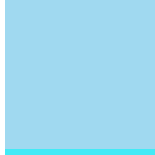
Trichromacy



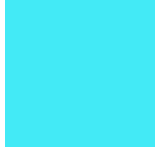
Original Color
3BECEC



Protanomaly
9DDCE2



Deuteranomaly
A0D9F0

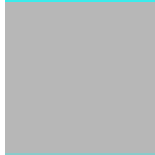


Tritanomaly
43EAF6

Monochromacy



Original Color
3BECEC



Achromatopsia
B7B7B7



Achromatomaly
8ACACA

CSS Examples

Text

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

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

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 #3BECEC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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