

Converting Colors

Hex(5BECE1)

Have a look what the booklet for
Hex(5BECE1) contains.

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Color

Hex(5BECE1)

Conversions

Conversions Part 1

Format	Color
Hex	5BECE1
RGB	91, 236, 225
RGB Percent	36%, 93%, 88%
CMY	0.6431, 0.0745, 0.1176
CMYK	0.61, 0.00, 0.05, 0.07
HSL	175°, 79%, 64%
HSV	175°, 61%, 93%
XYZ	47.9004, 67.6513, 81.7676
YIQ	191.3910, -82.8890, -34.1610

Conversions

Conversions Part 2

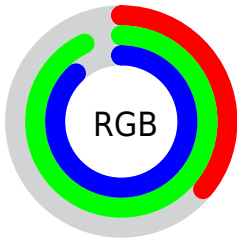
Format	Color
R _Y B	91, 166, 236
Decimal	6024417
CIE Lab	85.83, -41.03, -6.22
CIE LCh	86, 41.502, 188.617
Yxy	67.6513, 0.2428, 0.3429
Android (android.graphics.Color)	4284214497 (0xFF5BECE1)
YUV	191.3910, 16.5692, -88.0429
Hunter-Lab	82.2504, -39.9846, -1.3667

Details

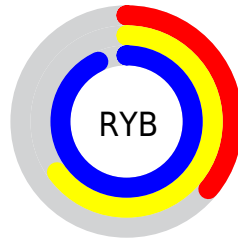
The Hex color **5BECE1** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **EC5B66**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **9BFFFF**, and **00B3AA** is the 20% darker color. If you saturate the color by 10%, you get **43ECDf**, and if you desaturate by 10%, it is **73ECE3**.

Distribution



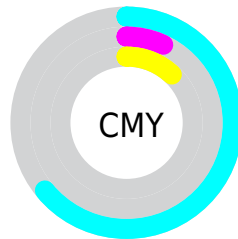
- Red (36%)
- Green (93%)
- Blue (88%)



- Red (36%)
- Yellow (65%)
- Blue (93%)



- Cyan (61%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)



- Cyan (64%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BECE1 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 5BECE1 by changing the saturation by 10% instead.

 5BECE1

 5BECE1

FFFFFF

 35CFC5

 9BFFFF

 00B3AA

 BAFFFF

 00988F

 D9FFFF

 007E76

 F7FFFF

 00645D

 004B46

 00332F

 001D1B

 000000

 5BECE1

 5BECE1

 43ECDF

 73ECE3

 2CECDD

 8AECE5

 14ECDC

 A2ECE6

 00ECDA

 B9ECE8

 D1ECEA

 E9ECEC

 FFECEE

 FFECEF

 FFECF1

Harmonies

Analogous

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



8BEAB9



5BECE1



45EAFF

Triad

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



5BECE1



EAC8FF



FFCA8E

Complementary

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



5BECE1



EC5B66

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.



FFBEA7



5BECE1



FFBCF4

Square

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



5BECE1



B2D7FF



FFB8CD



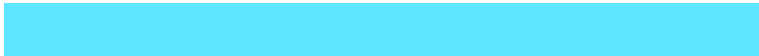
E6D888

Rectangle

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



5BECE1



5FE5FF



FFB8CD



FFC695

Sweetspot

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



5BECE1



D1FFFC



67EC5B



63807D



000000



808080

Same Dimension

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



5BECE1



42FFF1



5BB0EC



6A7574



00B5A7



003631

Inverse Universe

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



EC5B66



FF4251



EC975B



756A6A



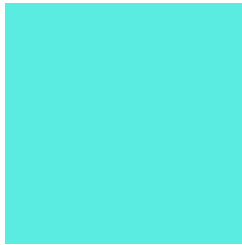
B5000E



360004

Previews

White Background



This preview shows how the Hex color 5BECE1 looks on a white background.

Color Contrast Check

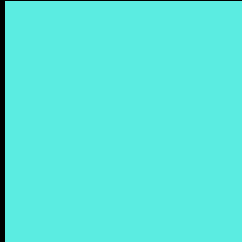
Large Text (above 18pt) WCAG AA × Fail

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 5BECE1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

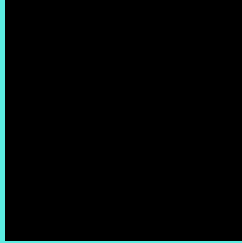
Any Text WCAG AA ✓ Pass

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 5BECE1 Background



This preview shows how black text looks on a background with the Hex color 5BECE1.

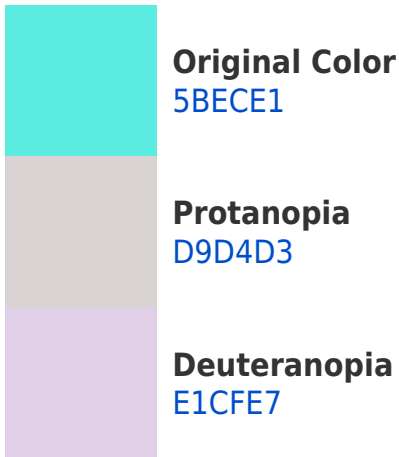


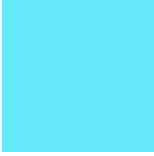
This preview shows how white text looks on a background with the Hex color 5BECE1.

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



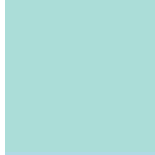


Tritanopia
66E8FB

Trichromacy



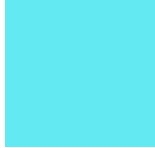
Original Color
5BECE1



Protanomaly
ABDDD8



Deuteranomaly
B0DAE5

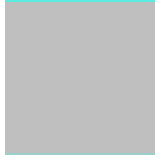


Tritanomaly
62E9F2

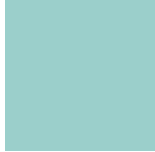
Monochromacy



Original Color
5BECE1



Achromatopsia
BFBFBF



Achromatomaly
9BCFCB

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BECE1 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 #5BECE1 looks like.

```
.text, #text, p{  
    color:#5BECE1  
}
```

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 #5BECE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BECE1
}
```

Border

The CSS property to change the border of an element to Hex 5BECE1 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
#5BECE1 }
```

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

```
.border{ border-color:#5BECE1 }
```

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

Here you see how a box with a 4 pixel #5BECE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BECE1; -webkit-box-shadow:4px 4px  
4px 4px #5BECE1; box-shadow:4px 4px 4px  
4px #5BECE1 }
```

Background

The CSS property to change the background color of an element to Hex 5BECE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BECE1 }
```

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

```
.background{ background-color:#5BECE1 }
```

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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