

Converting Colors

Hex(5EECEC)

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

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Color

Hex(5EECEC)

Conversions

Conversions Part 1

Format	Color
Hex	5EECEC
RGB	94, 236, 236
RGB Percent	37%, 93%, 93%
CMY	0.6314, 0.0745, 0.0745
CMYK	0.60, 0.00, 0.00, 0.07
HSL	180°, 79%, 65%
HSV	180°, 60%, 93%
XYZ	49.7519, 68.4267, 89.9424
YIQ	193.5420, -84.6320, -30.1040

Conversions

Conversions Part 2

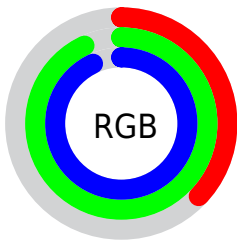
Format	Color
RYB	94, 165, 236
Decimal	6221036
CIELab	86.22, -37.64, -11.42
CIELCh	86, 39.335, 196.872
Yxy	68.4267, 0.2391, 0.3288
Android (android.graphics.Color)	4284411116 (0xFF5EECEC)
YUV	193.5420, 20.9318, -87.2983
Hunter-Lab	82.7204, -37.4027, -6.5620

Details

The Hex color **5EECEC** 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 **EC5E5E**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **9EFFFF**, and **00B4B4** is the 20% darker color. If you saturate the color by 10%, you get **46ECEC**, and if you desaturate by 10%, it is **76ECEC**.

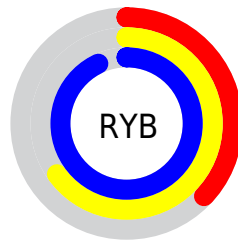
Distribution



Red (37%)

Green (93%)

Blue (93%)



Red (37%)

Yellow (65%)

Blue (93%)

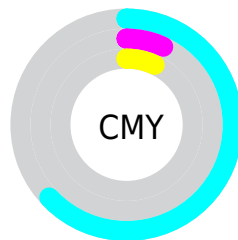


Cyan (60%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (63%)

Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients

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

 5EECEC

 5EECEC


FFFFFF

 38CFD0

 9EFFFF

 00B4B4

 BDFFFF

 009899

 DCFFFF

 007E80

 FBFFFF

 006467

 004C4F

 003438

 001F22

 00000C

 5EECEC

 5EECEC

 46ECEC

 76ECEC

 2FECEC

 8DECEC

 17ECEC

 A5ECEC

 00ECEC

 BCECEC

 D4ECEC

 ECECEC

 FFECEC

Harmonies

Analogous

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



85EBC6



5EECEC



5DE8FF

Triad

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



5EECEC



F7C7FF



FFD08F

Complementary

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



5EECEC



EC5E5E

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.



FFC4A3



5EECEC



FFBDEA

Square

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



5EECEC



C5D4FF



FFBCC4



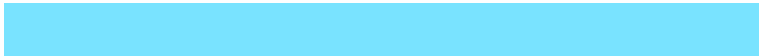
DCDC90

Rectangle

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



5EECEC



79E3FF



FFBCC4



FFCB94

Sweetspot

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



5EECEC



D1FFFF



5EEC5E



638080



000000



808080

Same Dimension

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



5EECEC



47FFFF



5EA5EC



6A7575



00B5B5



003636

Inverse Universe

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



EC5EEC



FF47FF



ECA55E



756A75



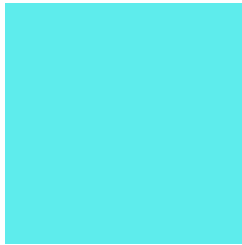
B500B5



360036

Previews

White Background



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

Color Contrast Check

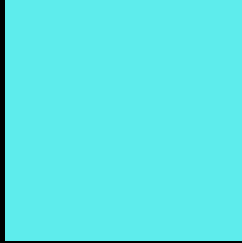
Large Text (above 18pt) WCAG AA × Fail

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 5EECEC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

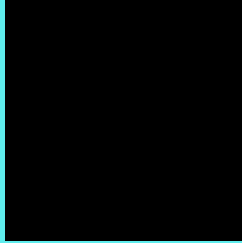
Any Text WCAG AA ✓ Pass

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 5EECEC Background



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

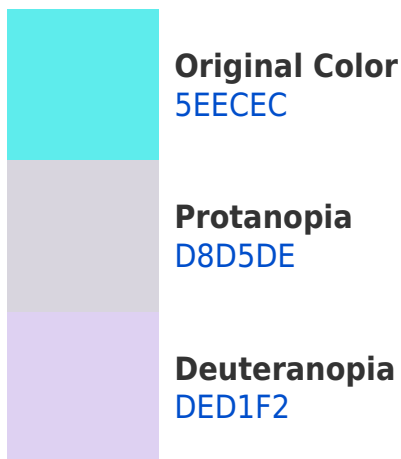


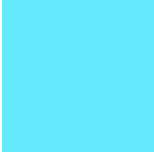
This preview shows how white text looks on a background with the Hex color 5EECEC.

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
65E9FC

Trichromacy



Original Color
5EECEC



Protanomaly
ACDDE3



Deuteranomaly
AFDBF0

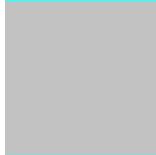


Tritanomaly
62EAF6

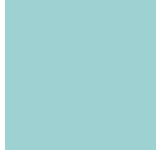
Monochromacy



Original Color
5EECEC



Achromatopsia
C2C2C2



Achromatomaly
9ED1D1

CSS Examples

Text

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

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

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 #5EECEC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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