

Converting Colors

Hex(5EB6B1)

Have a look what the booklet for
Hex(5EB6B1) contains.

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Color

Hex(5EB6B1)

Conversions

Conversions Part 1

Format	Color
Hex	5EB6B1
RGB	94, 182, 177
RGB Percent	37%, 71%, 69%
CMY	0.6314, 0.2863, 0.3059
CMYK	0.48, 0.00, 0.03, 0.29
HSL	177°, 38%, 54%
HSV	177°, 48%, 71%
XYZ	29.2799, 39.0099, 47.5814
YIQ	155.1180, -50.8430, -20.2110

Conversions

Conversions Part 2

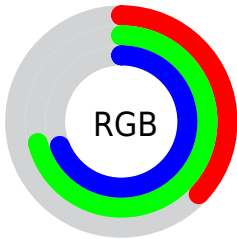
Format	Color
RYB	94, 139, 182
Decimal	6207153
CIELab	68.76, -27.65, -5.64
CIElCh	69, 28.220, 191.520
Yxy	39.0099, 0.2527, 0.3367
Android (android.graphics.Color)	4284397233 (0xFF5EB6B1)
YUV	155.1180, 10.7878, -53.6005
Hunter-Lab	62.4579, -25.6217, -1.4475

Details

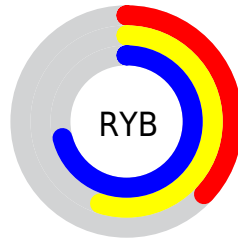
The Hex color **5EB6B1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B65E63**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **96EEE9**, and **21817D** is the 20% darker color. If you saturate the color by 10%, you get **4CB6B0**, and if you desaturate by 10%, it is **70B6B2**.

Distribution



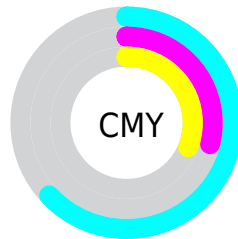
- Red (37%)
- Green (71%)
- Blue (69%)



- Red (37%)
- Yellow (55%)
- Blue (71%)



- Cyan (48%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (63%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EB6B1 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 5EB6B1 by changing the saturation by 10% instead.

 5EB6B1

 5EB6B1

FFFFFF

 419B96

 96EEE9

 21817D

 B3FFFF

 006764

 D0FFFF

 004F4C

 EDFFFF

 003735

 002320

 000009

 000000

 5EB6B1

 5EB6B1

■ 4CB6B0

■ 70B6B2

■ 3AB6AF

■ 82B6B3

■ 27B6AE

■ 95B6B4

■ 15B6AD

■ A7B6B5

■ 03B6AC

■ B9B6B6

■ 00B6AC

■ CBB6B7

■ DDB6B8

■ F0B6B9

■ FFB6BA

Harmonies

Analogous

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



76B597



5EB6B1



5AB4C9

Triad

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



5EB6B1



B89ECE



C8A178

Complementary

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



5EB6B1



B65E63

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.



D79987



5EB6B1



D097B9

Square

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



5EB6B1



95A7D9



DB959F



B0A975

Rectangle

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



5EB6B1



67B1D4



DB959F



CE9E7C

Sweetspot

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



5EB6B1



CAEDEB



64B65E



627877



F7F7F7



787878

Same Dimension

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



5EB6B1



64EDE5



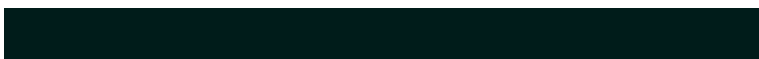
5E90B6



535C5B



009C93



001C1A

Inverse Universe

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



B65E63



ED646B



B6845E



5C5353



9C0009



1C0002

Previews

White Background



This preview shows how the Hex color 5EB6B1 looks on a white background.

Color Contrast Check

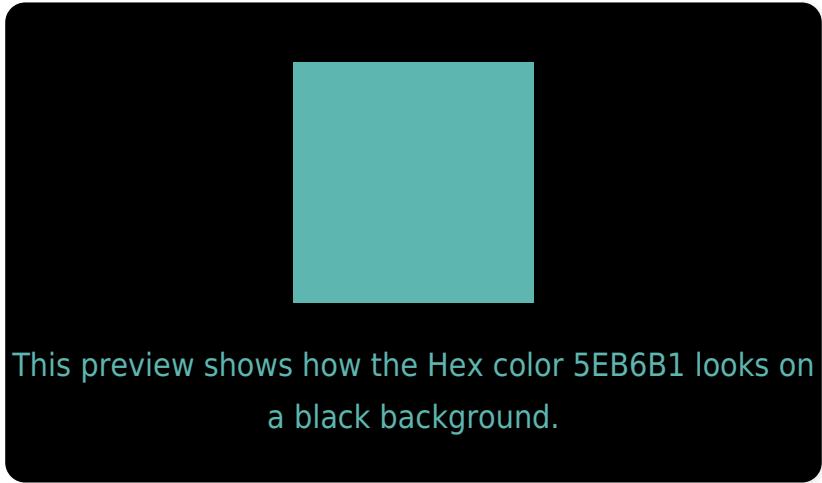
Large Text (above 18pt) WCAG AA × Fail

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

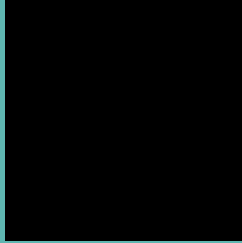
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

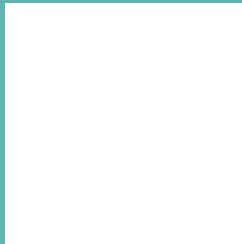
Any Text WCAG AAA ✓ Pass

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

Hex 5EB6B1 Background



This preview shows how black text looks on a background with the Hex color 5EB6B1.

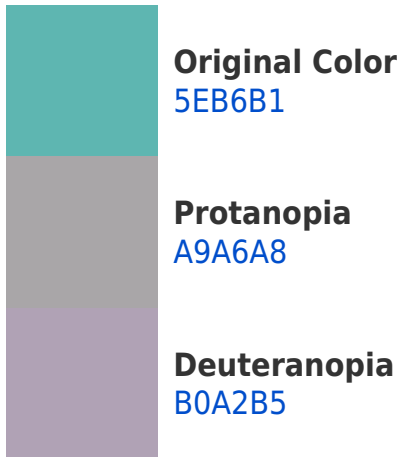


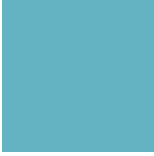
This preview shows how white text looks on a background with the Hex color 5EB6B1.

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](#).

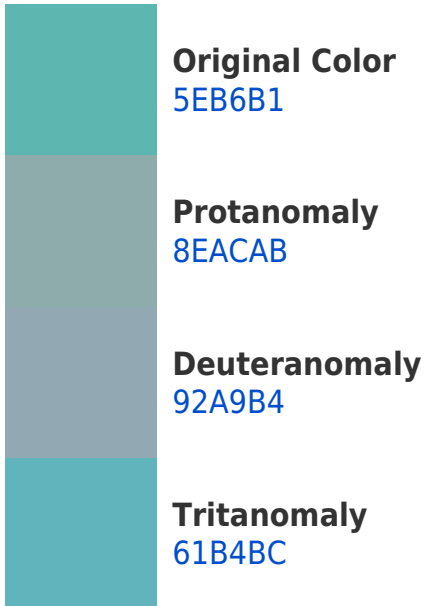
Dichromacy





Tritanopia
63B3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EB6B1 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 #5EB6B1 looks like.

```
.text, #text, p{  
    color:#5EB6B1  
}
```

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 #5EB6B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EB6B1
}
```

Border

The CSS property to change the border of an element to Hex 5EB6B1 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
#5EB6B1 }
```

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

```
.border{ border-color:#5EB6B1 }
```

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

Here you see how a box with a 4 pixel #5EB6B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EB6B1; -webkit-box-shadow:4px 4px  
4px 4px #5EB6B1; box-shadow:4px 4px 4px  
4px #5EB6B1 }
```

Background

The CSS property to change the background color of an element to Hex 5EB6B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EB6B1 }
```

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

```
.background{ background-color:#5EB6B1 }
```

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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