

# Converting Colors

Hex(5EB6A1)

Have a look what the booklet for  
Hex(5EB6A1) contains.

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# Color

**Hex(5EB6A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EB6A1
RGB	94, 182, 161
RGB Percent	37%, 71%, 63%
CMY	0.6314, 0.2863, 0.3686
CMYK	0.48, 0.00, 0.12, 0.29
HSL	166°, 38%, 54%
HSV	166°, 48%, 71%
XYZ	27.7771, 38.4088, 39.6678
YIQ	153.2940, -45.7070, -25.1870

# Conversions

## Conversions Part 2

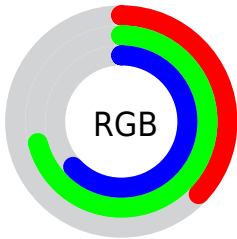
Format	Color
<a href="#">RYB</a>	<a href="#">94, 144, 182</a>
Decimal	<a href="#">6207137</a>
CIELab	<a href="#">68.32, -31.64, 2.54</a>
CIELCh	<a href="#">68, 31.746, 175.413</a>
Yxy	<a href="#">38.4088, 0.2624, 0.3628</a>
Android (android.graphics.Color)	<a href="#">4284397217 (0xFF5EB6A1)</a>
YUV	<a href="#">153.2940, 3.7991, -52.0008</a>
Hunter-Lab	<a href="#">61.9748, -28.4524, 5.4330</a>

# Details

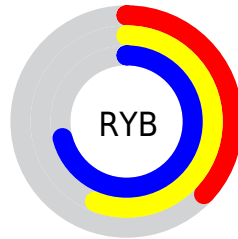
The Hex color **5EB6A1** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B65E73**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **96EED8**, and **23816E** is the 20% darker color. If you saturate the color by 10%, you get **4CB69D**, and if you desaturate by 10%, it is **70B6A5**.

# Distribution



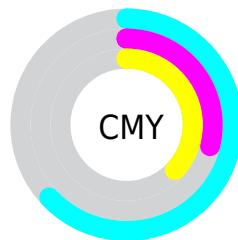
- Red (37%)
- Green (71%)
- Blue (63%)



- Red (37%)
- Yellow (56%)
- Blue (71%)



- Cyan (48%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)



- Cyan (63%)
- Magenta (29%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EB6A1 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 5EB6A1 by changing the saturation by 10% instead.



 5EB6A1

 5EB6A1


FFFFFF

 429B87

 96EED8

 23816E

 B2FFF4

 006755

 CFFFFFF

 004E3E

 EFFFFFF

 003728

 002314

 000000

 5EB6A1

 5EB6A1

 4CB69D

 70B6A5

 3AB698

 82B6AA

 27B694

 95B6AE

 15B690

 A7B6B2

 03B68B

 B9B6B7

 00B68B

 CBB6BB

 DDB6BF

 F0B6C4

 FFB6C8

# Harmonies

## Analogous

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



80B385



5EB6A1



46B6BE

# Triad

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



5EB6A1



A4A1DA



D59A78

# Complementary

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



5EB6A1



B65E73

# 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.



DF928F



5EB6A1



C797C7

# Square

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



5EB6A1



79ABDF



DB91AC



BEA36D

# Rectangle

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



5EB6A1



49B4CE



DB91AC



DA977F



# Sweetspot

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



5EB6A1



CAEDE5



74B65E



627873



F7F7F7



787878



# Same Dimension

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



5EB6A1



64EDCC



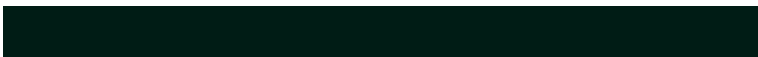
5EA0B6



535C5A



009C76



001C15



# Inverse Universe

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



B65E73



ED6484



B6745E



5C5355



9C0025

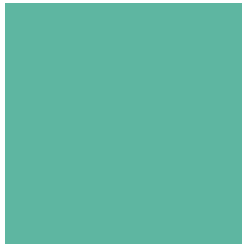


1C0007



# Previews

## White Background



This preview shows how the Hex color 5EB6A1 looks on a white background.

## Color Contrast Check

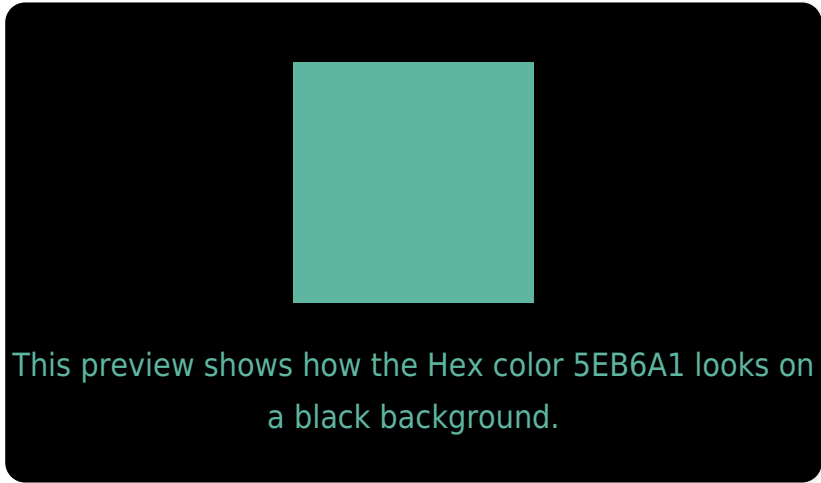
Large Text (above 18pt) WCAG AA × Fail

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

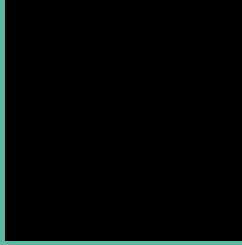
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5EB6A1 Background



This preview shows how black text looks on a background with the Hex color 5EB6A1.

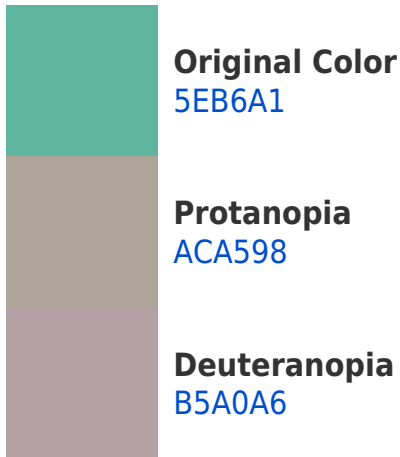


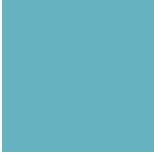
This preview shows how white text looks on a background with the Hex color 5EB6A1.

# 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](#).

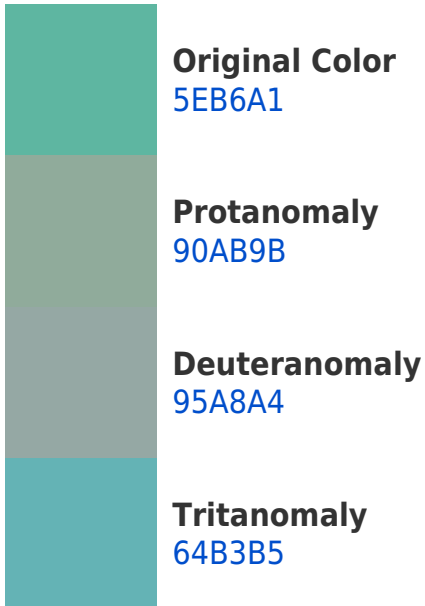
## Dichromacy





**Tritanopia**  
67B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EB6A1 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 #5EB6A1 looks like.

```
.text, #text, p{  
    color:#5EB6A1  
}
```

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 #5EB6A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EB6A1
}
```

## Border

The CSS property to change the border of an element to Hex 5EB6A1 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
#5EB6A1 }
```

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

```
.border{ border-color:#5EB6A1 }
```

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

Here you see how a box with a 4 pixel #5EB6A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EB6A1; -webkit-box-shadow:4px 4px  
4px 4px #5EB6A1; box-shadow:4px 4px 4px  
4px #5EB6A1 }
```

# Background

The CSS property to change the background color of an element to Hex 5EB6A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EB6A1 }
```

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

```
.background{ background-color:#5EB6A1 }
```

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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