

# Converting Colors

Hex(5EC2A7)

Have a look what the booklet for  
Hex(5EC2A7) contains.

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**Color**

**Hex(5EC2A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EC2A7
RGB	94, 194, 167
RGB Percent	37%, 76%, 65%
CMY	0.6314, 0.2392, 0.3451
CMYK	0.52, 0.00, 0.14, 0.24
HSL	164°, 45%, 56%
HSV	164°, 52%, 76%
XYZ	30.8829, 43.7533, 43.3767
YIQ	161.0220, -50.9330, -29.5970

# Conversions

## Conversions Part 2

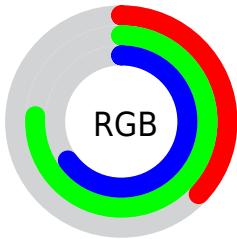
Format	Color
<a href="#">RYB</a>	<a href="#">94, 152, 194</a>
Decimal	<a href="#">6210215</a>
CIELab	<a href="#">72.06, -35.84, 4.67</a>
CIElCh	<a href="#">72, 36.146, 172.575</a>
Yxy	<a href="#">43.7533, 0.2617, 0.3707</a>
Android (android.graphics.Color)	<a href="#">4284400295 (0xFF5EC2A7)</a>
YUV	<a href="#">161.0220, 2.9472, -58.7783</a>
Hunter-Lab	<a href="#">66.1463, -32.4163, 7.4218</a>

# Details

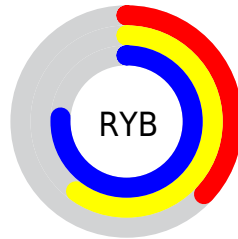
The Hex color **5EC2A7** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **C25E79**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **97FBDE**, and **1E8C73** is the 20% darker color. If you saturate the color by 10%, you get **4BC2A2**, and if you desaturate by 10%, it is **71C2AC**.

# Distribution



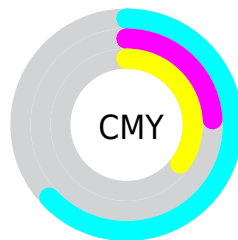
- Red (37%)
- Green (76%)
- Blue (65%)



- Red (37%)
- Yellow (60%)
- Blue (76%)



- Cyan (52%)
- Magenta (0%)
- Yellow (14%)
- Black (24%)



- Cyan (63%)
- Magenta (24%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EC2A7 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 5EC2A7 by changing the saturation by 10% instead.



 5EC2A7

 5EC2A7

FFFFFF

 41A78D

 97FBDE

 1E8C73

 B4FFFB

 00725B

 D1FFFF

 005943

 EEEFFF

 00402D

 002A18

 000E00

 000000

 5EC2A7

 5EC2A7

 4BC2A2

 71C2AC

 37C29D

 85C2B1

 24C297

 98C2B7

 10C292

 ACC2BC

 00C28E

 BFC2C1

 D2C2C6

 E6C2CC

 F9C2D1

 FFC2D6

# Harmonies

## Analogous

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



87BE87



5EC2A7



39C2C9

# Triad

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



5EC2A7



A9ABED



E7A17D

# Complementary

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



5EC2A7



C25E79

# 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.



F29999



5EC2A7



D39FD9

# Square

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



5EC2A7



75B6F2



EB98BA



CEAC6F

# Rectangle

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



5EC2A7



38C0DC



EB98BA



EC9D85



# Sweetspot

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



5EC2A7



D7FCF2



7AC25E



698079



000000



808080



# Same Dimension

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



5EC2A7



60FCD2



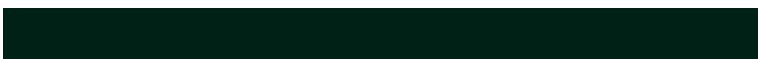
5EACC2



57615E



00A175



002118



# Inverse Universe

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



C25E79



FC608A



C2745E



61575A



A1002B

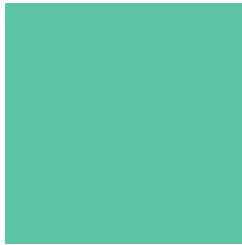


210009



# Previews

## White Background



This preview shows how the Hex color 5EC2A7 looks on a white background.

## Color Contrast Check

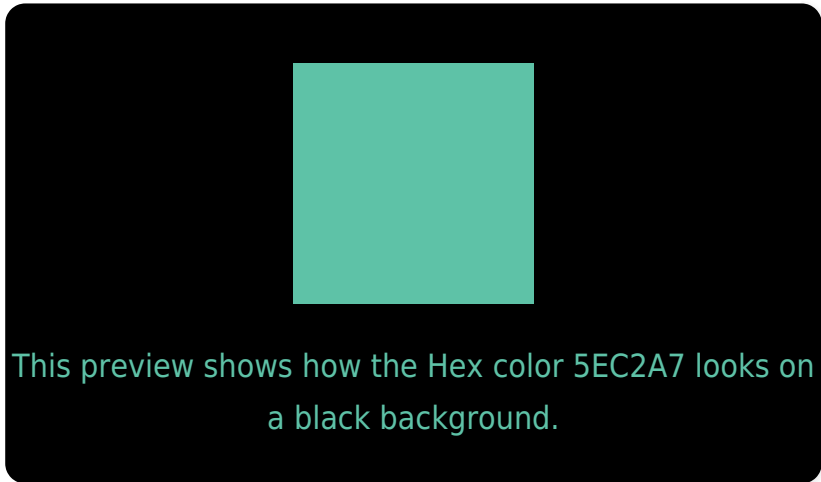
Large Text (above 18pt) WCAG AA × Fail

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

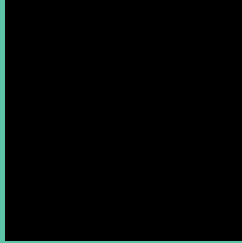
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

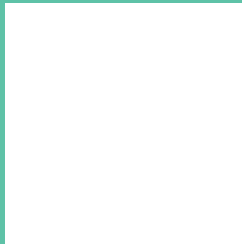
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5EC2A7 Background



This preview shows how black text looks on a background with the Hex color 5EC2A7.

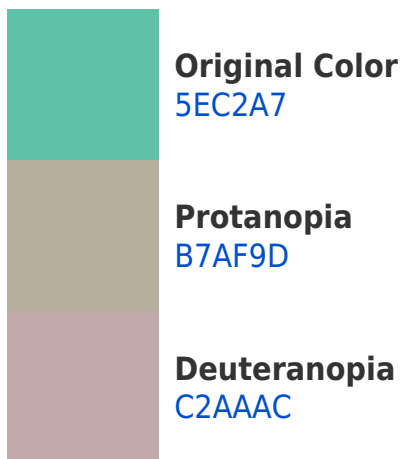


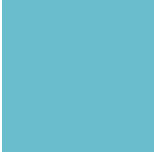
This preview shows how white text looks on a background with the Hex color 5EC2A7.

# Color Blindness Simulation

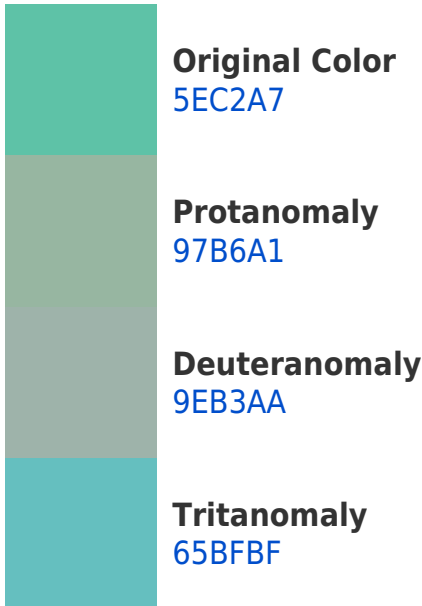
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

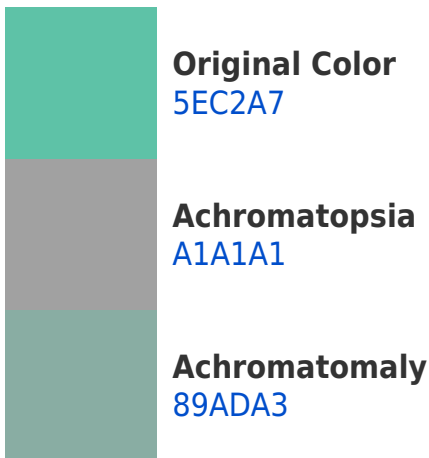




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EC2A7 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 #5EC2A7 looks like.

```
.text, #text, p{  
    color:#5EC2A7  
}
```

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 #5EC2A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EC2A7
}
```

## Border

The CSS property to change the border of an element to Hex 5EC2A7 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
#5EC2A7 }
```

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

```
.border{ border-color:#5EC2A7 }
```

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

Here you see how a box with a 4 pixel #5EC2A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EC2A7; -webkit-box-shadow:4px 4px  
4px 4px #5EC2A7; box-shadow:4px 4px 4px  
4px #5EC2A7 }
```

# Background

The CSS property to change the background color of an element to Hex 5EC2A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EC2A7 }
```

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

```
.background{ background-color:#5EC2A7 }
```

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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