

Converting Colors

Hex(5EA68E)

Have a look what the booklet for
Hex(5EA68E) contains.

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Color

Hex(5EA68E)

Conversions

Conversions Part 1

Format	Color
Hex	5EA68E
RGB	94, 166, 142
RGB Percent	37%, 65%, 56%
CMY	0.6314, 0.3490, 0.4431
CMYK	0.43, 0.00, 0.14, 0.35
HSL	160°, 29%, 51%
HSV	160°, 43%, 65%
XYZ	23.1348, 31.6051, 30.4723
YIQ	141.7360, -35.2080, -22.7280

Conversions

Conversions Part 2

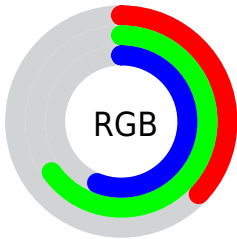
Format	Color
RYB	94, 137, 166
Decimal	6203022
CIELab	63.02, -28.40, 5.41
CIElCh	63, 28.908, 169.210
Yxy	31.6051, 0.2715, 0.3709
Android (android.graphics.Color)	4284393102 (0xFF5EA68E)
YUV	141.7360, 0.1302, -41.8645
Hunter-Lab	56.2184, -24.9266, 7.2158

Details

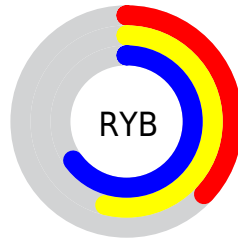
The Hex color **5EA68E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A65E76**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **94DDC4**, and **28725C** is the 20% darker color. If you saturate the color by 10%, you get **4DA688**, and if you desaturate by 10%, it is **6FA694**.

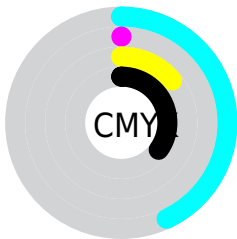
Distribution



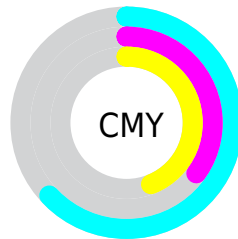
- Red (37%)
- Green (65%)
- Blue (56%)



- Red (37%)
- Yellow (54%)
- Blue (65%)



- Cyan (43%)
- Magenta (0%)
- Yellow (14%)
- Black (35%)



- Cyan (63%)
- Magenta (35%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EA68E 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 5EA68E by changing the saturation by 10% instead.

■ 5EA68E

■ 5EA68E

FFFFFF

■ 438B74

■ 94DDC4

■ 28725C

■ B0FAE0

■ 045944

■ CCFFFC

■ 00412E

■ E9FFFF

■ 002A19

■ 001200

■ 000000

■ 5EA68E

■ 5EA68E

■ 4DA688

■ 6FA694

 3DA683

 7FA699

 2CA67D

 90A69F

 1CA678

 A0A6A4

 0BA672

 B1A6AA

 00A66F

 C2A6AF

 D2A6B5

 E3A6BA

 F3A6C0

Harmonies

Analogous

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



7CA276



5EA68E



46A6A8

Triad

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



5EA68E



8F95C9



C58B73

Complementary

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



5EA68E



A65E76

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.



CC8689



5EA68E



B08CBA

Square

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



5EA68E



689ECA



C586A3



B39466

Rectangle

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



5EA68E



44A5B8



C586A3



C98979

Sweetspot

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



5EA68E



BDD9CF



76A65E



5C6E68



EDEDED



6E6E6E

Same Dimension

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



5EA68E



68D9B3



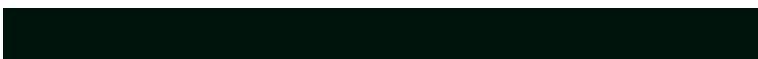
5E9AA6



4C5451



009463



00140E

Inverse Universe

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



A65E76



D9688E



A66A5E



544C4F



940031



140007

Previews

White Background



This preview shows how the Hex color 5EA68E looks on a white background.

Color Contrast Check

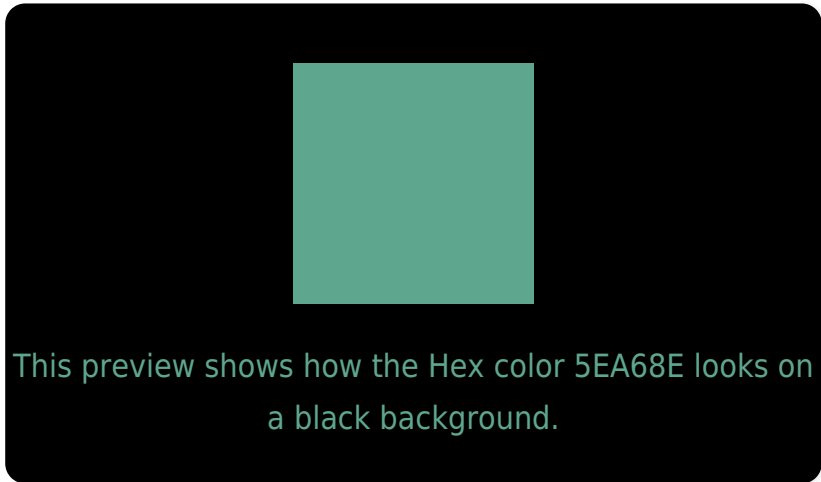
Large Text (above 18pt) WCAG AA × Fail

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

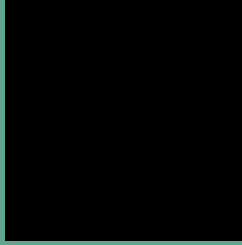
Any Text WCAG AA ✓ Pass

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 5EA68E Background



This preview shows how black text looks on a background with the Hex color 5EA68E.

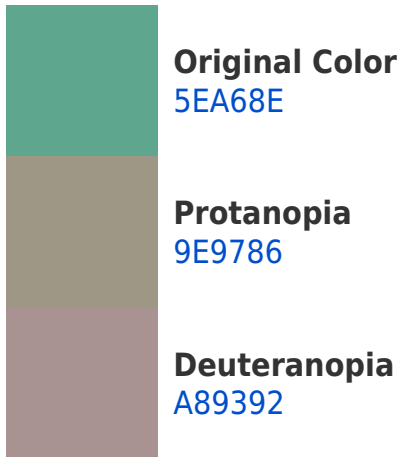


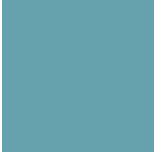
This preview shows how white text looks on a background with the Hex color 5EA68E.

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
66A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EA68E 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 #5EA68E looks like.

```
.text, #text, p{  
    color:#5EA68E  
}
```

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 #5EA68E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EA68E
}
```

Border

The CSS property to change the border of an element to Hex 5EA68E 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
#5EA68E }
```

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

```
.border{ border-color:#5EA68E }
```

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

Here you see how a box with a 4 pixel #5EA68E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EA68E; -webkit-box-shadow:4px 4px  
4px 4px #5EA68E; box-shadow:4px 4px 4px  
4px #5EA68E }
```

Background

The CSS property to change the background color of an element to Hex 5EA68E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EA68E }
```

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

```
.background{ background-color:#5EA68E }
```

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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