

Converting Colors

Hex(55E6A8)

Have a look what the booklet for
Hex(55E6A8) contains.

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Color

Hex(55E6A8)

Conversions

Conversions Part 1

Format	Color
Hex	55E6A8
RGB	85, 230, 168
RGB Percent	33%, 90%, 66%
CMY	0.6667, 0.0980, 0.3412
CMYK	0.63, 0.00, 0.27, 0.10
HSL	154°, 74%, 62%
HSV	154°, 63%, 90%
XYZ	39.1110, 61.3521, 46.8266
YIQ	179.5770, -66.5180, -50.0220

Conversions

Conversions Part 2

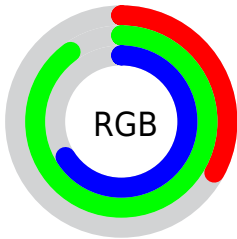
Format	Color
RYB	85, 177, 230
Decimal	5629608
CIELab	82.57, -52.96, 18.98
CIELCh	83, 56.261, 160.284
Yxy	61.3521, 0.2655, 0.4165
Android (android.graphics.Color)	4283819688 (0xFF55E6A8)
YUV	179.5770, -5.7075, -82.9440
Hunter-Lab	78.3276, -47.9435, 19.3840

Details

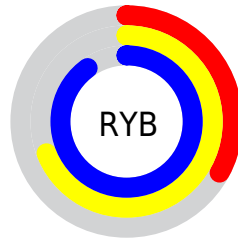
The Hex color **55E6A8** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **E65593**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **94FFDF**, and **00AD74** is the 20% darker color. If you saturate the color by 10%, you get **3EE69E**, and if you desaturate by 10%, it is **6CE6B2**.

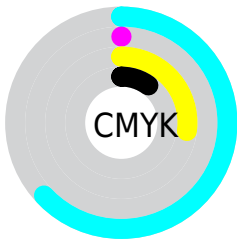
Distribution



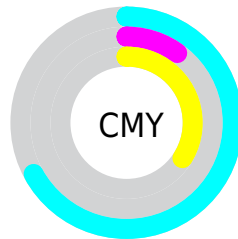
- Red (33%)
- Green (90%)
- Blue (66%)



- Red (33%)
- Yellow (69%)
- Blue (90%)



- Cyan (63%)
- Magenta (0%)
- Yellow (27%)
- Black (10%)



- Cyan (67%)
- Magenta (10%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55E6A8 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 55E6A8 by changing the saturation by 10% instead.

 55E6A8

 55E6A8

FFFFFF

 30C98D

 94FFDF

 00AD74

 B2FFFC

 00925B


 D0FFFF

 007743

 EFFFFFF

 005E2D

 004517

 002E00

 001000

 000000

 55E6A8

 55E6A8

 3EE69E

 6CE6B2

 27E694

 83E6BC

 10E68A

 9AE6C6

 00E684

 B1E6CF

 C8E6D9

 DFE6E3

 F6E6ED

 FFE6F7

 FFE6FF

Harmonies

Analogous

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



A2DE7A



55E6A8



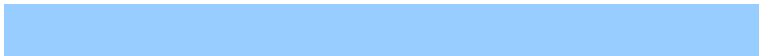
00E9DF

Triad

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



55E6A8



97CDFE



FFAC8C

Complementary

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



55E6A8



E65593

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.



FFA1BD



55E6A8



EAB9FF

Square

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



55E6A8



00DDFF



FFA7F2



FFBE69

Rectangle

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



55E6A8



00E7FF



FFA7F2



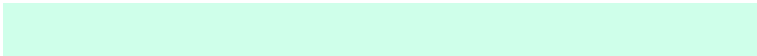
FFA79B

Sweetspot

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



55E6A8



CFFFEA



94E655



628073



000000



808080

Same Dimension

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



55E6A8



3DFFAC



55DCE6



67736E



00B366



00331D

Inverse Universe

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



E65593



FF3D90



E65F55



73676C



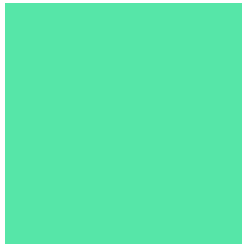
B3004C



330016

Previews

White Background



This preview shows how the Hex color 55E6A8 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 55E6A8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

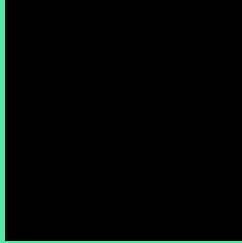
Any Text WCAG AA ✓ Pass

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 55E6A8 Background



This preview shows how black text looks on a background with the Hex color 55E6A8.

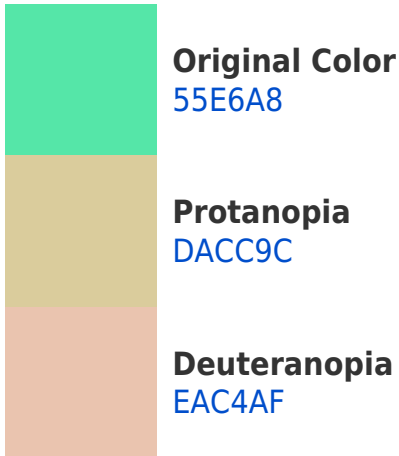


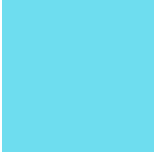
This preview shows how white text looks on a background with the Hex color 55E6A8.

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
6EDDEF

Trichromacy



Original Color
55E6A8



Protanomaly
AAD5A0



Deuteranomaly
B4D0AC

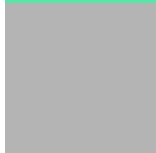


Tritanomaly
65E0D5

Monochromacy



Original Color
55E6A8



Achromatopsia
B4B4B4



Achromatomaly
91C6B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 55E6A8 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 #55E6A8 looks like.

```
.text, #text, p{  
    color:#55E6A8  
}
```

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 #55E6A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55E6A8
}
```

Border

The CSS property to change the border of an element to Hex 55E6A8 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
#55E6A8 }
```

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

```
.border{ border-color:#55E6A8 }
```

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

Here you see how a box with a 4 pixel #55E6A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55E6A8; -webkit-box-shadow:4px 4px  
4px 4px #55E6A8; box-shadow:4px 4px 4px  
4px #55E6A8 }
```

Background

The CSS property to change the background color of an element to Hex 55E6A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55E6A8 }
```

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

```
.background{ background-color:#55E6A8 }
```

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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