

Converting Colors

Hex(55A88B)

Have a look what the booklet for
Hex(55A88B) contains.

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Color

Hex(55A88B)

Conversions

Conversions Part 1

Format	Color
Hex	55A88B
RGB	85, 168, 139
RGB Percent	33%, 66%, 55%
CMY	0.6667, 0.3412, 0.4549
CMYK	0.49, 0.00, 0.17, 0.34
HSL	159°, 33%, 50%
HSV	159°, 49%, 66%
XYZ	22.4091, 31.8006, 29.3831
YIQ	139.8770, -40.1590, -26.6150

Conversions

Conversions Part 2

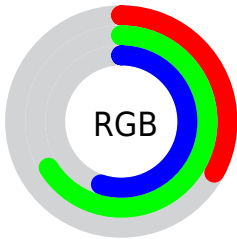
Format	Color
RYB	85, 135, 168
Decimal	5613707
CIELab	63.18, -32.40, 7.27
CIElCh	63, 33.203, 167.353
Yxy	31.8006, 0.2681, 0.3804
Android (android.graphics.Color)	4283803787 (0xFF55A88B)
YUV	139.8770, -0.4324, -48.1271
Hunter-Lab	56.3921, -27.7535, 8.5813

Details

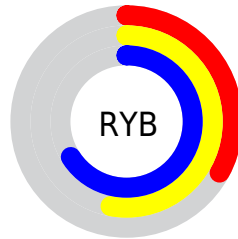
The Hex color **55A88B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A85572**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8CE0C0**, and **1A7359** is the 20% darker color. If you saturate the color by 10%, you get **44A885**, and if you desaturate by 10%, it is **66A891**.

Distribution



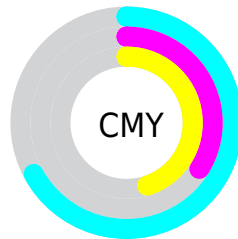
- Red (33%)
- Green (66%)
- Blue (55%)



- Red (33%)
- Yellow (53%)
- Blue (66%)



- Cyan (49%)
- Magenta (0%)
- Yellow (17%)
- Black (34%)



- Cyan (67%)
- Magenta (34%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55A88B 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 55A88B by changing the saturation by 10% instead.

 55A88B

 55A88B

FFFFFF

 398D72

 8CE0C0

 1A7359

 A8FCDC

 005A42

 C4FFF9

 00422C

 E1FFFF

 002B17

FEFFFF

 001300

 000000

 55A88B

 55A88B

 44A885

 66A891

 33A87F

 77A897

 23A879

 87A89D

 12A874

 98A8A2

 01A86E

 A9A8A8

 00A86D

 BAA8AE

 CBA8B4

 DBA8BA

 ECA8C0

Harmonies

Analogous

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



7AA470



55A88B



30A9A9

Triad

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



55A88B



8A96D1



CC896F

Complementary

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



55A88B



A85572

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.



D38389



55A88B



B28BC1

Square

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



55A88B



5AA0D2



CB84A7



B8935F

Rectangle

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



55A88B



26A7BC



CB84A7



D08677

Sweetspot

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



55A88B



BADB D0



72A855



5A6E67



EDEDED



6E6E6E

Same Dimension

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



55A88B



5ADBAE



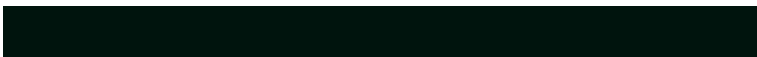
559CA8



4C5451



009460



00140D

Inverse Universe

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



A85572



DB5A87



A86155



544C4F



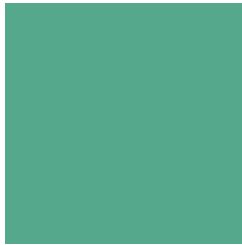
940034



140007

Previews

White Background



This preview shows how the Hex color 55A88B looks on a white background.

Color Contrast Check

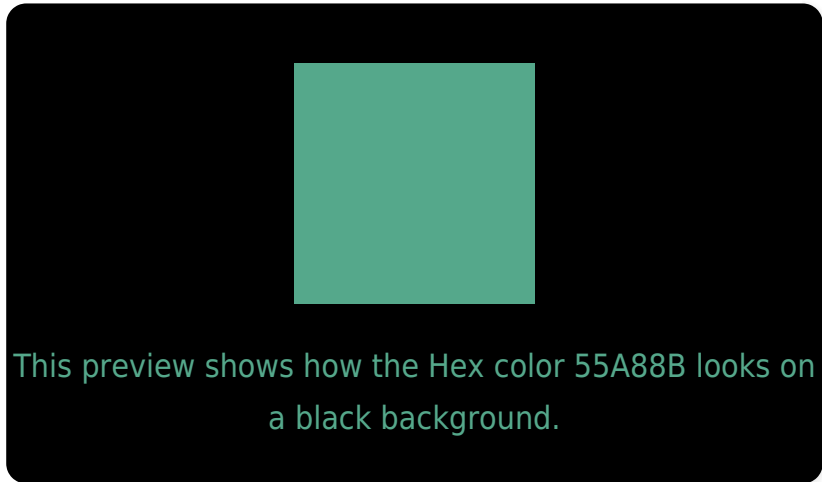
Large Text (above 18pt) WCAG AA × Fail

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

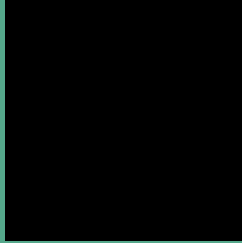
Any Text WCAG AA ✓ Pass

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 55A88B Background



This preview shows how black text looks on a background with the Hex color 55A88B.

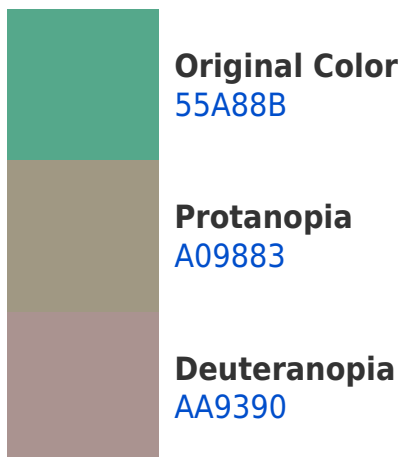


This preview shows how white text looks on a background with the Hex color 55A88B.

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



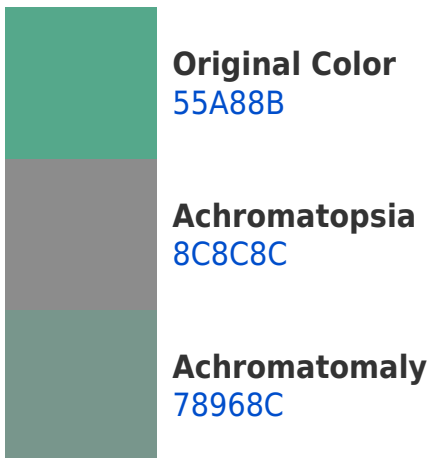


Tritanopia
60A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55A88B 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 #55A88B looks like.

```
.text, #text, p{  
    color:#55A88B  
}
```

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 #55A88B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55A88B
}
```

Border

The CSS property to change the border of an element to Hex 55A88B 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
#55A88B }
```

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

```
.border{ border-color:#55A88B }
```

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

Here you see how a box with a 4 pixel #55A88B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55A88B; -webkit-box-shadow:4px 4px  
4px 4px #55A88B; box-shadow:4px 4px 4px  
4px #55A88B }
```

Background

The CSS property to change the background color of an element to Hex 55A88B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55A88B }
```

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

```
.background{ background-color:#55A88B }
```

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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