

Converting Colors

Hex(51A886)

Have a look what the booklet for
Hex(51A886) contains.

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Color

Hex(51A886)

Conversions

Conversions Part 1

Format	Color
Hex	51A886
RGB	81, 168, 134
RGB Percent	32%, 66%, 53%
CMY	0.6824, 0.3412, 0.4745
CMYK	0.52, 0.00, 0.20, 0.34
HSL	157°, 35%, 49%
HSV	157°, 52%, 66%
XYZ	21.6990, 31.4758, 27.4860
YIQ	138.1110, -40.9380, -29.0180

Conversions

Conversions Part 2

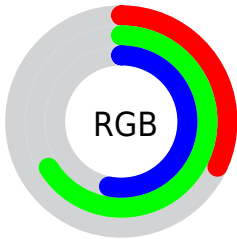
Format	Color
RYB	81, 135, 168
Decimal	5351558
CIELab	62.91, -34.53, 9.65
CIELCh	63, 35.851, 164.390
Yxy	31.4758, 0.2690, 0.3902
Android (android.graphics.Color)	4283541638 (0xFF51A886)
YUV	138.1110, -2.0267, -50.0863
Hunter-Lab	56.1033, -29.1425, 10.2251

Details

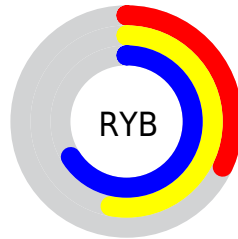
The Hex color **51A886** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A85173**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **88E0BB**, and **127354** is the 20% darker color. If you saturate the color by 10%, you get **40A87F**, and if you desaturate by 10%, it is **62A88D**.

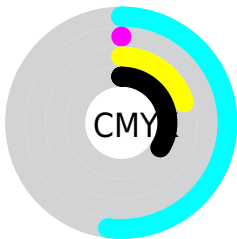
Distribution



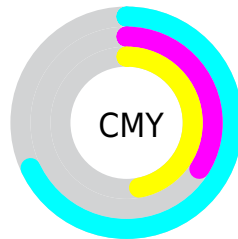
- Red (32%)
- Green (66%)
- Blue (53%)



- Red (32%)
- Yellow (53%)
- Blue (66%)



- Cyan (52%)
- Magenta (0%)
- Yellow (20%)
- Black (34%)



- Cyan (68%)
- Magenta (34%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51A886 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 51A886 by changing the saturation by 10% instead.

 51A886

 51A886

FFFFFF

 358D6D

 88E0BB

 127354

 A4FDD7

 005A3D

 C0FFF3

 004227

 DDFFFF

 002B13

 FBFFFF

 001200

 000000

 51A886

 51A886

 40A87F

 62A88D

 2FA879

 73A893

 1FA872

 83A89A

 0EA86C

 94A8A0

 00A866

 A5A8A7

 B6A8AD

 C7A8B4

 D7A8BB

 E8A8C1

Harmonies

Analogous

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



7AA36A



51A886



1BA9A7

Triad

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



51A886



8396D6



D0866D

Complementary

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



51A886



A85173

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.



D67F8A



51A886



AF8AC6

Square

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



51A886



4AA0D5



CC81AA



BB915B

Rectangle

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



51A886



00A8BB



CC81AA



D48376

Sweetspot

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



51A886



B8DBCE



74A851



596E66



EDEDED



6E6E6E

Same Dimension

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



51A886



53DBA6



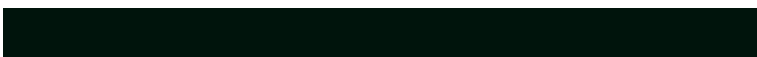
519FA8



4C5451



00945A



00140C

Inverse Universe

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



A85173



DB5388



A85A51



544C4F



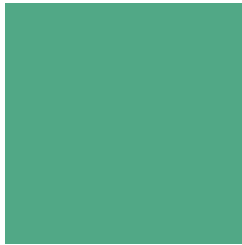
94003A



140008

Previews

White Background



This preview shows how the Hex color 51A886 looks on a white background.

Color Contrast Check

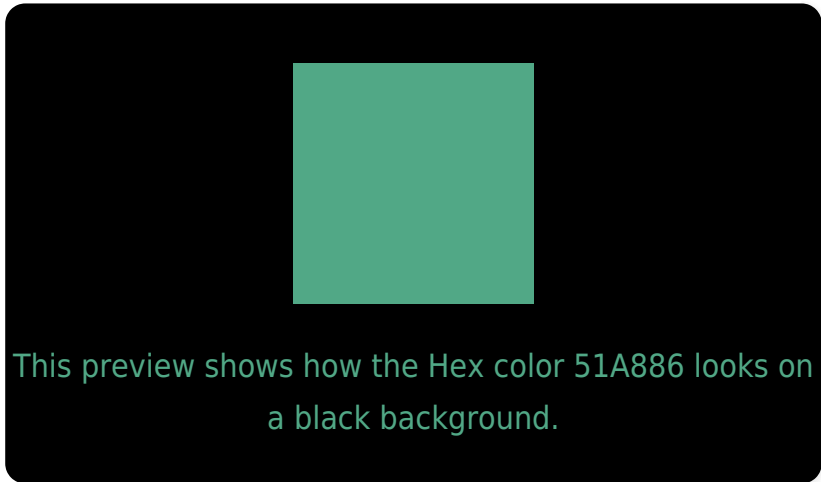
Large Text (above 18pt) WCAG AA × Fail

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

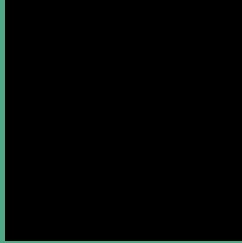
Any Text WCAG AA ✓ Pass

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 51A886 Background



This preview shows how black text looks on a background with the Hex color 51A886.

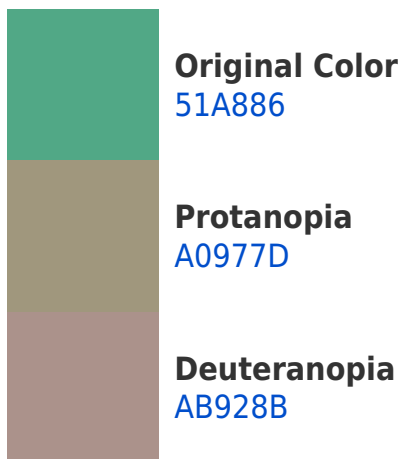


This preview shows how white text looks on a background with the Hex color 51A886.

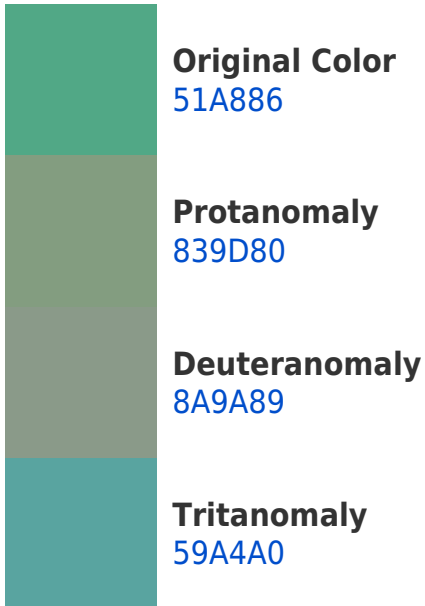
Color Blindness Simulation

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 51A886 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 #51A886 looks like.

```
.text, #text, p{  
    color:#51A886  
}
```

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 #51A886 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51A886
}
```

Border

The CSS property to change the border of an element to Hex 51A886 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
#51A886 }
```

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

```
.border{ border-color:#51A886 }
```

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

Here you see how a box with a 4 pixel #51A886 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51A886; -webkit-box-shadow:4px 4px  
4px 4px #51A886; box-shadow:4px 4px 4px  
4px #51A886 }
```

Background

The CSS property to change the background color of an element to Hex 51A886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51A886 }
```

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

```
.background{ background-color:#51A886 }
```

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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