

Converting Colors

Hex(51AA91)

Have a look what the booklet for
Hex(51AA91) contains.

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Color

Hex(51AA91)

Conversions

Conversions Part 1

Format	Color
Hex	51AA91
RGB	81, 170, 145
RGB Percent	32%, 67%, 57%
CMY	0.6824, 0.3333, 0.4314
CMYK	0.52, 0.00, 0.15, 0.33
HSL	163°, 35%, 49%
HSV	163°, 52%, 67%
XYZ	22.8789, 32.5431, 31.8637
YIQ	140.5390, -45.0190, -26.6430

Conversions

Conversions Part 2

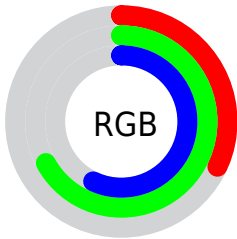
Format	Color
RYB	81, 133, 170
Decimal	5352081
CIELab	63.79, -32.89, 4.78
CIELCh	64, 33.235, 171.722
Yxy	32.5431, 0.2621, 0.3728
Android (android.graphics.Color)	4283542161 (0xFF51AA91)
YUV	140.5390, 2.1993, -52.2157
Hunter-Lab	57.0466, -28.2429, 6.8159

Details

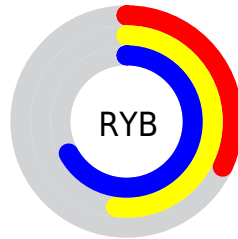
The Hex color **51AA91** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AA516A**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **89E2C7**, and **10755F** is the 20% darker color. If you saturate the color by 10%, you get **40AA8C**, and if you desaturate by 10%, it is **62AA96**.

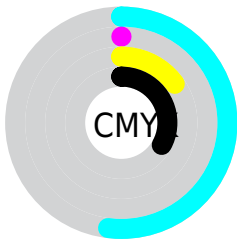
Distribution



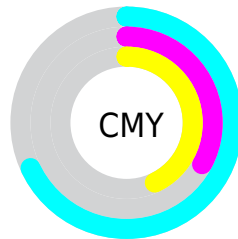
- Red (32%)
- Green (67%)
- Blue (57%)



- Red (32%)
- Yellow (52%)
- Blue (67%)



- Cyan (52%)
- Magenta (0%)
- Yellow (15%)
- Black (33%)



- Cyan (68%)
- Magenta (33%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51AA91 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 51AA91 by changing the saturation by 10% instead.

 51AA91

 51AA91

FFFFFF

 348F77

 89E2C7

 10755F

 A5FFE3

 005C47

 C1FFFF

 004431

 DEFFFF

 002D1C

 FCFFFF

 001601

 000000

 51AA91

 51AA91

 40AA8C

 62AA96

 2FAA87

 73AA9B

 1EAA83

 84AA9F

 0DAA7E

 95AAA4

 00AA7A

 A6AAA9

 B7AAAE

 C8AAB2

 D9AAB7

 EAAABC

Harmonies

Analogous

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



76A675



51AA91



2EAAAF

Triad

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



51AA91



9296D1



CB8C6D

Complementary

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



51AA91



AA516A

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.



D58586



51AA91



B88BC0

Square

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



51AA91



63A0D5



CF84A4



B69660

Rectangle

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



51AA91



2BA8C1



CF84A4



D08974

Sweetspot

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



51AA91



BADED4



6AAA51



5B706A



F0F0F0



707070

Same Dimension

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



51AA91



52DEB7



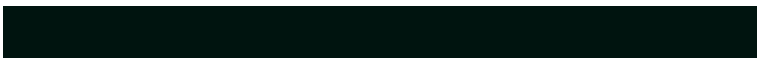
5197AA



4C5452



00946A



00140F

Inverse Universe

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



AA516A



DE5279



AA6451



544C4E



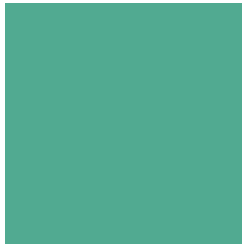
94002A



140006

Previews

White Background



This preview shows how the Hex color 51AA91 looks on a white background.

Color Contrast Check

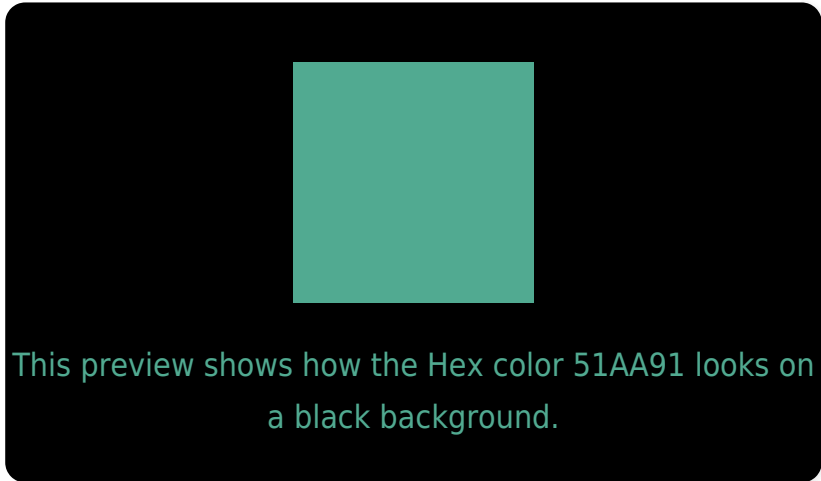
Large Text (above 18pt) WCAG AA × Fail

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

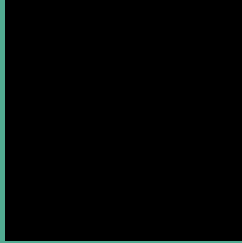
Any Text WCAG AA ✓ Pass

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 51AA91 Background



This preview shows how black text looks on a background with the Hex color 51AA91.

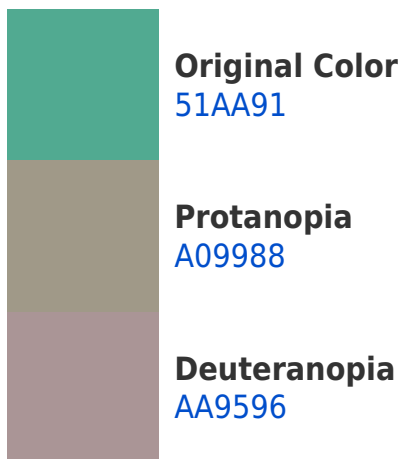


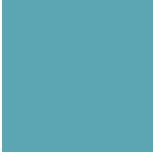
This preview shows how white text looks on a background with the Hex color 51AA91.

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](#).

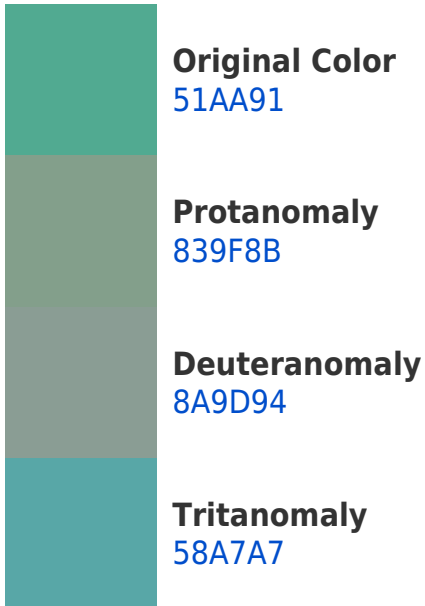
Dichromacy



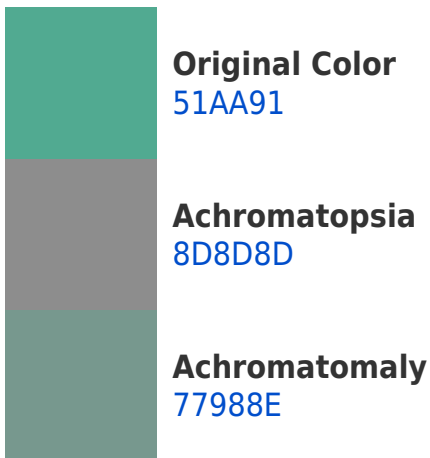


Tritanopia
5CA5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51AA91 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 #51AA91 looks like.

```
.text, #text, p{  
    color:#51AA91  
}
```

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 #51AA91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51AA91
}
```

Border

The CSS property to change the border of an element to Hex 51AA91 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
#51AA91 }
```

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

```
.border{ border-color:#51AA91 }
```

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

Here you see how a box with a 4 pixel #51AA91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51AA91; -webkit-box-shadow:4px 4px  
4px 4px #51AA91; box-shadow:4px 4px 4px  
4px #51AA91 }
```

Background

The CSS property to change the background color of an element to Hex 51AA91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51AA91 }
```

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

```
.background{ background-color:#51AA91 }
```

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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