

Converting Colors

Hex(51927A)

Have a look what the booklet for
Hex(51927A) contains.

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Color

Hex(51927A)

Conversions

Conversions Part 1

Format	Color
Hex	51927A
RGB	81, 146, 122
RGB Percent	32%, 57%, 48%
CMY	0.6824, 0.4275, 0.5216
CMYK	0.45, 0.00, 0.16, 0.43
HSL	158°, 29%, 45%
HSV	158°, 45%, 57%
XYZ	17.1851, 23.7122, 22.0835
YIQ	123.8290, -31.0360, -21.2440

Conversions

Conversions Part 2

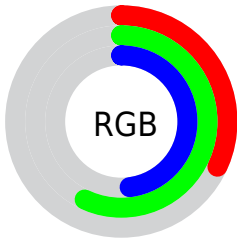
Format	Color
RYB	81, 121, 146
Decimal	5345914
CIELab	55.80, -26.74, 6.28
CIElCh	56, 27.473, 166.780
Yxy	23.7122, 0.2729, 0.3765
Android (android.graphics.Color)	4283535994 (0xFF51927A)
YUV	123.8290, -0.9017, -37.5610
Hunter-Lab	48.6952, -22.2220, 7.1983

Details

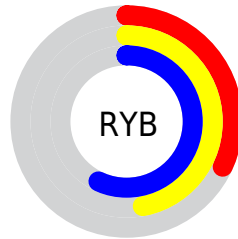
The Hex color **51927A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **925169**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **86C8AE**, and **1C5F49** is the 20% darker color. If you saturate the color by 10%, you get **429275**, and if you desaturate by 10%, it is **60927F**.

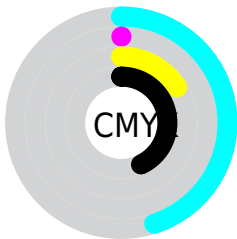
Distribution



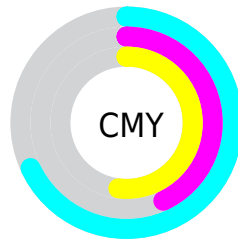
- Red (32%)
- Green (57%)
- Blue (48%)



- Red (32%)
- Yellow (47%)
- Blue (57%)



- Cyan (45%)
- Magenta (0%)
- Yellow (16%)
- Black (43%)




- Cyan (68%)
- Magenta (43%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51927A 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 51927A by changing the saturation by 10% instead.

 51927A

 51927A

FFFFFF

 377861

 86C8AE

 1C5F49

 A1E5CA

 004733

 BDFFE6


 00301E


 D9FFFF

 001D05

 F6FFFF

 000000

 51927A

 51927A

 429275

 60927F

 34926F

 6E9285

■ 25926A

■ 7D928A

■ 179264

■ 8B9290

■ 08925F

■ 9A9295

■ 00925C

■ A9929A

■ B792A0

■ C692A5

■ D492AB

Harmonies

Analogous

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



6E8F64



51927A



389393

Triad

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



51927A



7A83B3



B07964

Complementary

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



51927A



925169

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.



B57479



51927A



997BA7

Square

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



51927A



558BB4



AE7591



A08158

Rectangle

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



51927A



3392A1



AE7591



B3776A

Sweetspot

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



51927A



A4BDB4



6A9251



4F5E59



DEDEDE



5E5E5E

Same Dimension

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



51927A



59BD98



518A92



434A47



008A57



000A06

Inverse Universe

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



925169



BD597E



925951



4A4345



8A0033



0A0004

Previews

White Background



This preview shows how the Hex color 51927A looks on a white background.

Color Contrast Check

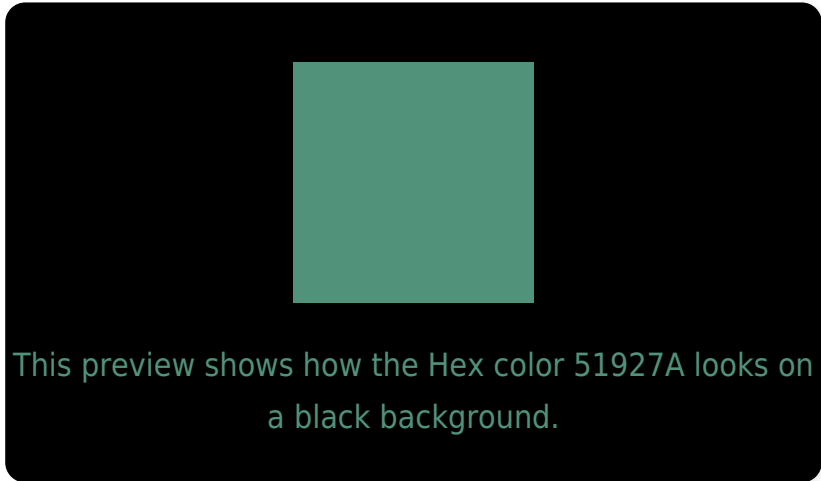
Large Text (above 18pt) WCAG AA ✓ Pass

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

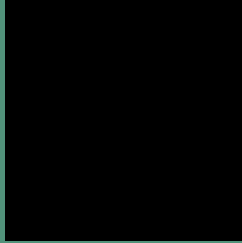
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 51927A Background



This preview shows how black text looks on a background with the Hex color 51927A.

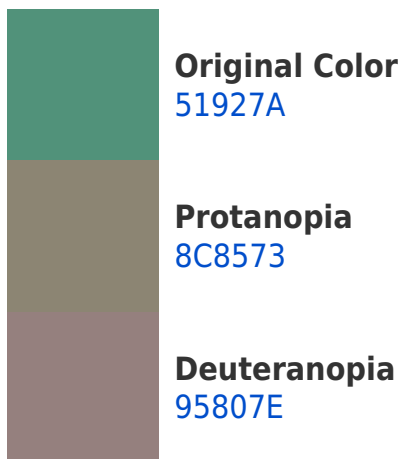


This preview shows how white text looks on a background with the Hex color 51927A.

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
598E99

Trichromacy



Original Color
51927A

Protanomaly
778A76

Deuteranomaly
7C877D

Tritanomaly
568F8E

Monochromacy



Original Color
51927A

Achromatopsia
7C7C7C

Achromatomaly
6C847B

CSS Examples

Text

The CSS property to change the color of the text to Hex 51927A 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 #51927A looks like.

```
.text, #text, p{  
    color:#51927A  
}
```

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 #51927A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51927A
}
```

Border

The CSS property to change the border of an element to Hex 51927A 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
#51927A }
```

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

```
.border{ border-color:#51927A }
```

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

Here you see how a box with a 4 pixel #51927A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51927A; -webkit-box-shadow:4px 4px  
4px 4px #51927A; box-shadow:4px 4px 4px  
4px #51927A }
```

Background

The CSS property to change the background color of an element to Hex 51927A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51927A }
```

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

```
.background{ background-color:#51927A }
```

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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