

Converting Colors

Hex(539A76)

Have a look what the booklet for
Hex(539A76) contains.

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Color

Hex(539A76)

Conversions

Conversions Part 1

Format	Color
Hex	539A76
RGB	83, 154, 118
RGB Percent	33%, 60%, 46%
CMY	0.6745, 0.3961, 0.5373
CMYK	0.46, 0.00, 0.23, 0.40
HSL	150°, 30%, 46%
HSV	150°, 46%, 60%
XYZ	18.3929, 26.2582, 21.2385
YIQ	128.6670, -30.7600, -26.2480

Conversions

Conversions Part 2

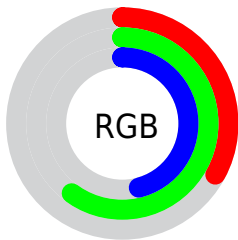
Format	Color
RYB	83, 131, 154
Decimal	5479030
CIELab	58.28, -30.97, 12.08
CIElCh	58, 33.245, 158.690
Yxy	26.2582, 0.2791, 0.3985
Android (android.graphics.Color)	4283669110 (0xFF539A76)
YUV	128.6670, -5.2588, -40.0500
Hunter-Lab	51.2428, -25.6047, 11.2961

Details

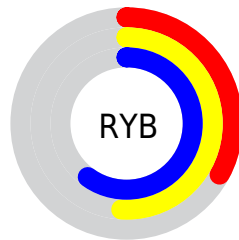
The Hex color **539A76** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9A5377**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **88D1AA**, and **1C6646** is the 20% darker color. If you saturate the color by 10%, you get **449A6E**, and if you desaturate by 10%, it is **629A7E**.

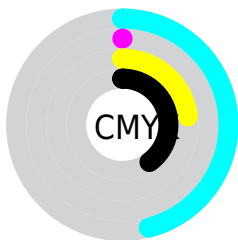
Distribution



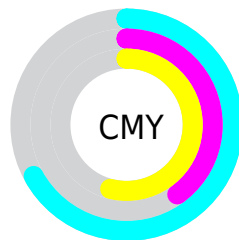
- Red (33%)
- Green (60%)
- Blue (46%)



- Red (33%)
- Yellow (51%)
- Blue (60%)



- Cyan (46%)
- Magenta (0%)
- Yellow (23%)
- Black (40%)



- Cyan (67%)
- Magenta (40%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 539A76 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 539A76 by changing the saturation by 10% instead.

 539A76

 539A76

FFFFFF

 39805D

 88D1AA

 1C6646

 A4EDC5

 004E2F

 C0FFE2

 00361A

 DCFFFE

 002200

 F9FFFF

 000000

 539A76

 539A76

 449A6E

 629A7E

 349A66

 729A86

■ 259A5F

■ 819A8D

■ 159A57

■ 919A95

■ 069A4F

■ A09A9D

■ 009A4C

■ AF9AA5

■ BF9AAD

■ CE9AB4

■ DE9ABC

Harmonies

Analogous

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



77955E



539A76



289C94

Triad

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



539A76



708CC5



C17A69

Complementary

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



539A76



9A5377

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.



C47585



539A76



9A81BA

Square

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



539A76



3B95C2



B878A2



B18356

Rectangle

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



539A76



039BA7



B878A2



C47872

Sweetspot

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



539A76



ADC9BB



789A53



55665D



E6E6E6



666666

Same Dimension

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



539A76



5BC991



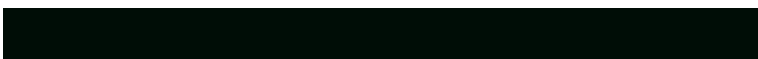
539A99



454D49



008C45



000D06

Inverse Universe

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



9A5377



C95B93



9A5354



4D4549



8C0047



0D0006

Previews

White Background



This preview shows how the Hex color 539A76 looks on a white background.

Color Contrast Check

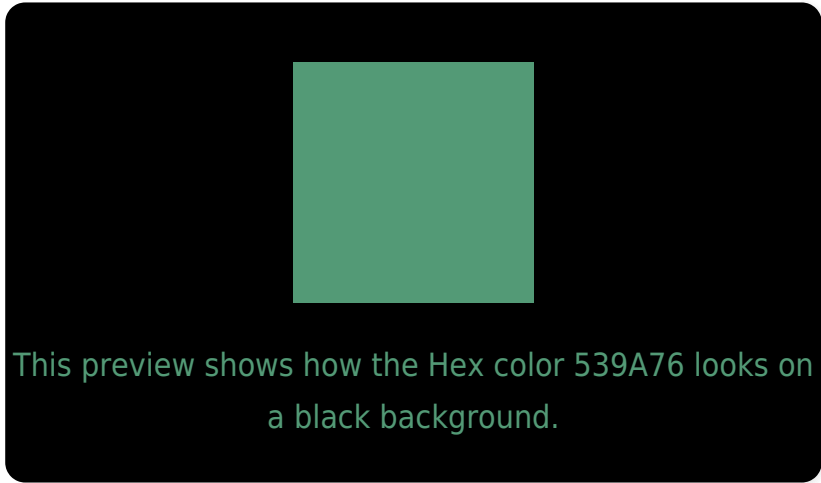
Large Text (above 18pt) WCAG AA ✓ Pass

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

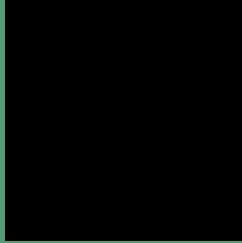
Any Text WCAG AA ✓ Pass

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 539A76 Background



This preview shows how black text looks on a background with the Hex color 539A76.

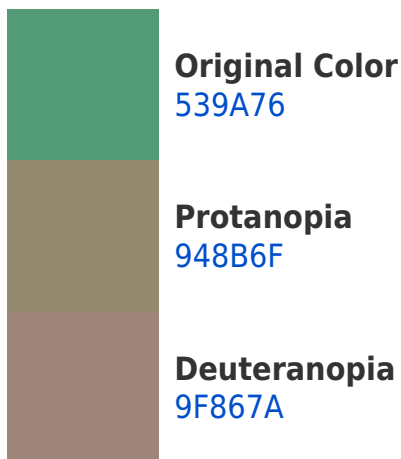


This preview shows how white text looks on a background with the Hex color 539A76.

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
5E94A0

Trichromacy



Original Color
539A76

Protanomaly
7C9072

Deuteranomaly
838D79

Tritanomaly
5A9691

Monochromacy



Original Color
539A76

Achromatopsia
818181

Achromatomaly
708A7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 539A76 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 #539A76 looks like.

```
.text, #text, p{  
    color:#539A76  
}
```

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 #539A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #539A76
}
```

Border

The CSS property to change the border of an element to Hex 539A76 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
#539A76 }
```

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

```
.border{ border-color:#539A76 }
```

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

Here you see how a box with a 4 pixel #539A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #539A76; -webkit-box-shadow:4px 4px  
4px 4px #539A76; box-shadow:4px 4px 4px  
4px #539A76 }
```

Background

The CSS property to change the background color of an element to Hex 539A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#539A76 }
```

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

```
.background{ background-color:#539A76 }
```

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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