

# Converting Colors

Hex(549286)

Have a look what the booklet for  
Hex(549286) contains.

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# Color

Hex(549286)

# Conversions

## Conversions Part 1

Format	Color
Hex	549286
RGB	84, 146, 134
RGB Percent	33%, 57%, 53%
CMY	0.6706, 0.4275, 0.4745
CMYK	0.42, 0.00, 0.08, 0.43
HSL	168°, 27%, 45%
HSV	168°, 42%, 57%
XYZ	18.2381, 24.1638, 26.2571
YIQ	126.0940, -33.1000, -16.8760

# Conversions

## Conversions Part 2

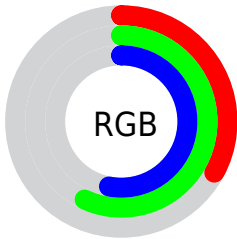
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 118, 146
Decimal	5542534
CIELab	56.25, -23.04, 0.08
CIELCh	56, 23.036, 179.791
Yxy	24.1638, 0.2656, 0.3519
Android (android.graphics.Color)	4283732614 (0xFF549286)
YUV	126.0940, 3.8977, -36.9164
Hunter-Lab	49.1567, -19.7972, 2.7399

# Details

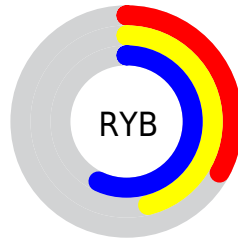
The Hex color **549286** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **925460**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **89C8BB**, and **1F5F55** is the 20% darker color. If you saturate the color by 10%, you get **459283**, and if you desaturate by 10%, it is **639289**.

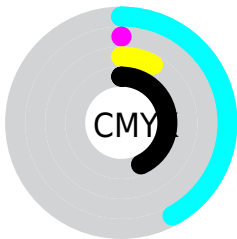
# Distribution



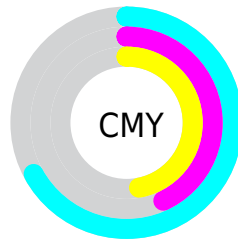
- Red (33%)
- Green (57%)
- Blue (53%)



- Red (33%)
- Yellow (46%)
- Blue (57%)



- Cyan (42%)
- Magenta (0%)
- Yellow (8%)
- Black (43%)



- Cyan (67%)
- Magenta (43%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 549286 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 549286 by changing the saturation by 10% instead.



 549286

 549286

FFFFFF

 3A786D

 89C8BB

 1F5F55

 A4E4D7

 00473D

 C0FFF3

 003028

 DCFFFF

 001D13

 F9FFFF

 000000


 549286

 549286

 459283

 639289

 379280

 71928C

 28927E

 80928E

 1A927B

 8E9291

 0B9278

 9D9294

 009276

 AC9297

 BA929A

 C9929D

 D7929F

# Harmonies

## Analogous

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



699072



549286



4A919A

# Triad

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



549286



8A82AA



A67F65

# Complementary

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



549286



925460

# 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.



AF7A74



549286



A07B9B

# Square

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



549286



6D89AF



AD7888



95865F

# Rectangle

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



549286



4E90A5



AD7888



AA7D69



# Sweetspot

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



549286



A4BDB8



609254



4F5E5B



DEDEDE



5E5E5E



# Same Dimension

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



549286



5CBDAA



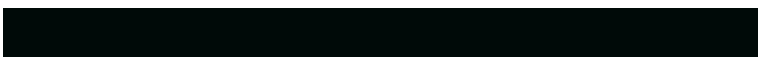
547F92



434A49



008A6F



000A08



# Inverse Universe

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



925460



BD5C6F



926754



4A4344



8A001B



0A0002



# Previews

## White Background



This preview shows how the Hex color 549286 looks on a white background.

## Color Contrast Check

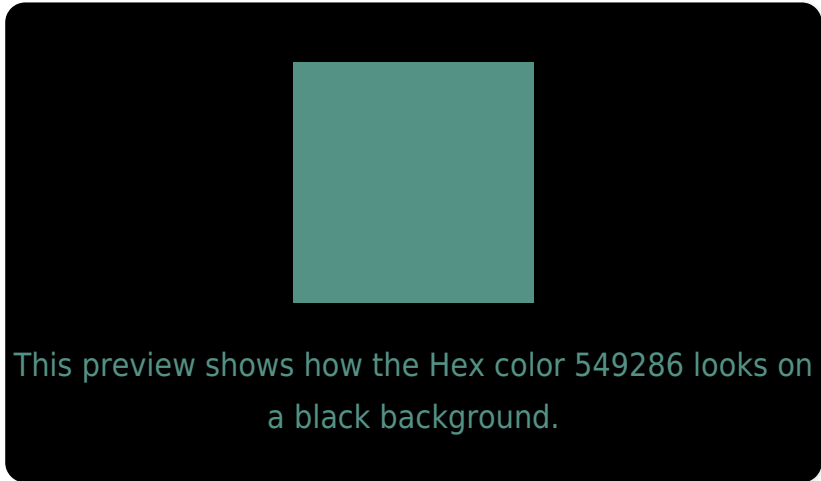
Large Text (above 18pt) WCAG AA ✓ Pass

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

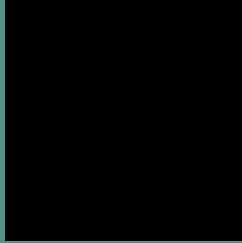
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 549286 Background



This preview shows how black text looks on a background with the Hex color 549286.

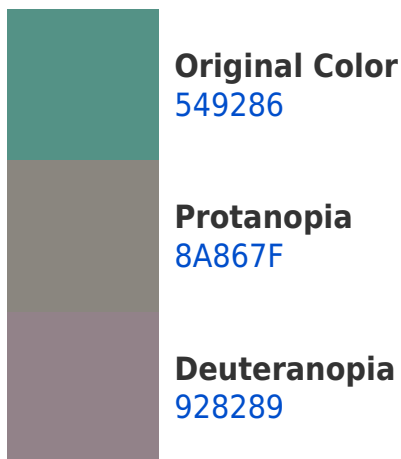


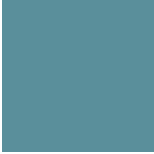
This preview shows how white text looks on a background with the Hex color 549286.

# 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**  
5A8F9B

# Trichromacy



**Original Color**  
549286

**Protanomaly**  
768A82

**Deuteranomaly**  
7B8888

**Tritanomaly**  
589093

# Monochromacy



**Original Color**  
549286

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
6F8581

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 549286 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 #549286 looks like.

```
.text, #text, p{  
    color:#549286  
}
```

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 #549286 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #549286
}
```

## Border

The CSS property to change the border of an element to Hex 549286 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
#549286 }
```

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

```
.border{ border-color:#549286 }
```

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

Here you see how a box with a 4 pixel #549286 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #549286; -webkit-box-shadow:4px 4px  
4px 4px #549286; box-shadow:4px 4px 4px  
4px #549286 }
```

# Background

The CSS property to change the background color of an element to Hex 549286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#549286 }
```

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

```
.background{ background-color:#549286 }
```

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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