

Converting Colors

Hex(579286)

Have a look what the booklet for
Hex(579286) contains.

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Color

Hex(579286)

Conversions

Conversions Part 1

Format	Color
Hex	579286
RGB	87, 146, 134
RGB Percent	34%, 57%, 53%
CMY	0.6588, 0.4275, 0.4745
CMYK	0.40, 0.00, 0.08, 0.43
HSL	168°, 25%, 46%
HSV	168°, 40%, 57%
XYZ	18.5124, 24.3052, 26.2699
YIQ	126.9910, -31.3120, -16.2400

Conversions

Conversions Part 2

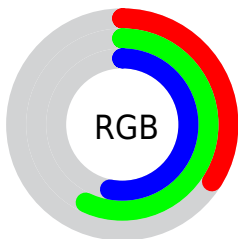
Format	Color
RYB	87, 120, 146
Decimal	5739142
CIELab	56.39, -22.20, 0.31
CIElCh	56, 22.206, 179.210
Yxy	24.3052, 0.2680, 0.3518
Android (android.graphics.Color)	4283929222 (0xFF579286)
YUV	126.9910, 3.4554, -35.0721
Hunter-Lab	49.3003, -19.2483, 2.9173

Details

The Hex color **579286** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **925763**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **8CC8BB**, and **235F54** is the 20% darker color. If you saturate the color by 10%, you get **489283**, and if you desaturate by 10%, it is **669289**.

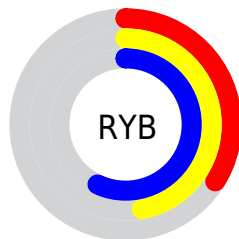
Distribution



Red (34%)

Green (57%)

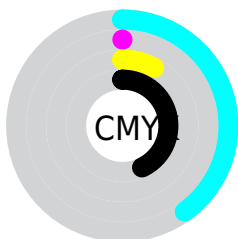
Blue (53%)



Red (34%)

Yellow (47%)

Blue (57%)

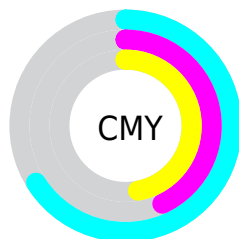


Cyan (40%)

Magenta (0%)

Yellow (8%)

Black (43%)



Cyan (66%)

Magenta (43%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 579286 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 579286 by changing the saturation by 10% instead.

■ 579286

■ 579286

FFFFFF

■ 3D786D

■ 8CC8BB

■ 235F54

■ A7E4D7

■ 02473D

■ C3FFF3

■ 003028

■ DFFFFF

■ 001D13

■ FFFFFFF

■ 000000

■ 579286

■ 579286

■ 489283

■ 669289

■ 3A9280

■ 74928C

■ 2B927D

■ 83928F

■ 1D927A

■ 919292

■ 0E9277

■ A09295

■ 009274

■ AF9298

■ BD929B

■ CC929E

■ DA92A1

Harmonies

Analogous

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



6B9073



579286



4D9299

Triad

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



579286



8A82A9



A67F67

Complementary

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



579286



925763

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.



AE7A75



579286



A07C9B

Square

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



579286



6E89AD



AC7988



968661

Rectangle

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



579286



5190A4



AC7988



A97D6B

Sweetspot

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



579286



A6BDB8



649257



515E5C



DEDEDE



5E5E5E

Same Dimension

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



579286



62BDAA



578192



434A48



008A6E



000A08

Inverse Universe

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



925763



BD6275



926857



4A4344



8A001C



0A0002

Previews

White Background



This preview shows how the Hex color 579286 looks on a white background.

Color Contrast Check

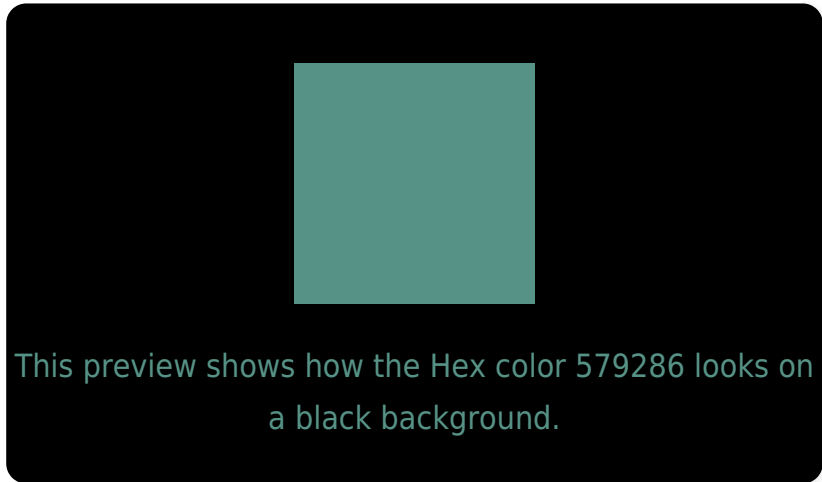
Large Text (above 18pt) WCAG AA ✓ Pass

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

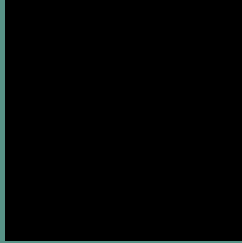
Any Text WCAG AA ✓ Pass

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 579286 Background



This preview shows how black text looks on a background with the Hex color 579286.

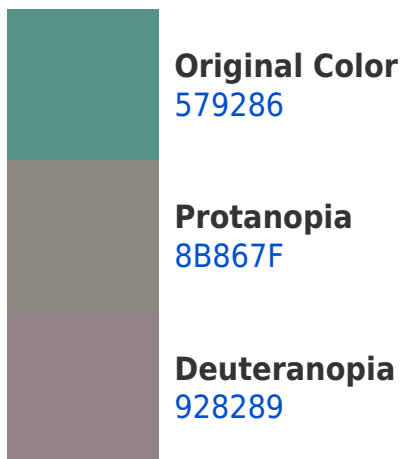


This preview shows how white text looks on a background with the Hex color 579286.

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
5C8F9A

Trichromacy



Original Color
579286

Protanomaly
788A82

Deuteranomaly
7D8888

Tritanomaly
5A9093

Monochromacy



Original Color
579286

Achromatopsia
7F7F7F

Achromatomaly
708682

CSS Examples

Text

The CSS property to change the color of the text to Hex 579286 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 #579286 looks like.

```
.text, #text, p{  
    color:#579286  
}
```

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 #579286 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #579286
}
```

Border

The CSS property to change the border of an element to Hex 579286 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
#579286 }
```

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

```
.border{ border-color:#579286 }
```

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

Here you see how a box with a 4 pixel #579286 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #579286; -webkit-box-shadow:4px 4px  
4px 4px #579286; box-shadow:4px 4px 4px  
4px #579286 }
```

Background

The CSS property to change the background color of an element to Hex 579286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#579286 }
```

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

```
.background{ background-color:#579286 }
```

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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