

# Converting Colors

Hex(2879CB)

Have a look what the booklet for  
Hex(2879CB) contains.

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# Color

Hex(2879CB)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2879CB
RGB	40, 121, 203
RGB Percent	16%, 47%, 80%
CMY	0.8431, 0.5255, 0.2039
CMYK	0.80, 0.40, 0.00, 0.20
HSL	210°, 67%, 48%
HSV	210°, 80%, 80%
XYZ	18.4919, 18.4377, 59.0841
YIQ	106.1290, -74.5980, 8.3300

# Conversions

## Conversions Part 2

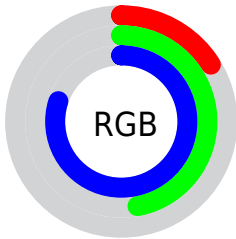
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 94, 203
Decimal	2652619
CIE <sub>Lab</sub>	50.02, 5.14, -49.30
CIE <sub>LCh</sub>	50, 49.565, 275.956
Yxy	18.4377, 0.1926, 0.1920
Android (android.graphics.Color)	4280842699 (0xFF2879CB)
YUV	106.1290, 47.7574, -57.9951
Hunter-Lab	42.9391, 1.7285, -51.5256

# Details

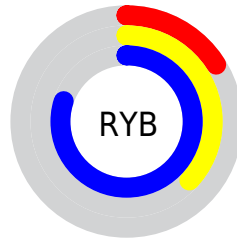
The Hex color **2879CB** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark muted azure. A complement of this color would be **CB7A28**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **6FADFF**, and **004994** is the 20% darker color. If you saturate the color by 10%, you get **146FCB**, and if you desaturate by 10%, it is **3C83CB**.

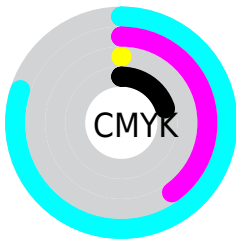
# Distribution



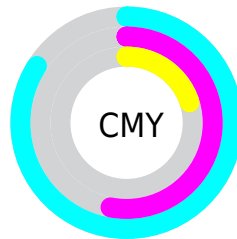
- Red (16%)
- Green (47%)
- Blue (80%)



- Red (16%)
- Yellow (37%)
- Blue (80%)



- Cyan (80%)
- Magenta (40%)
- Yellow (0%)
- Black (20%)



- Cyan (84%)
- Magenta (53%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2879CB 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 2879CB by changing the saturation by 10% instead.



 2879CB

 2879CB

FFFFFF

 0061AF

 6FADFF

 004994

 8DC8FF

 00337A

 ACE4FF

 001F61

 CAFFFF

 000548

 E8FFFF

 000431

 00011B

 000000

 2879CB

 2879CB

■ 146FCB

■ 3C83CB

■ 0065CB

■ 518DCB

■ 6598CB

■ 79A2CB

■ 8EACCB

■ A2B6CB

■ B6C0CB

■ CACBCB

■ DFD5CB

# Harmonies

## Analogous

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



0084C4



2879CB



8468BC

# Triad

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



2879CB



BF5848



008953

# Complementary

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



2879CB



CB7A28

# 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.



59832E



2879CB



A86828

# Square

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



2879CB



C34F70



85781A



008B7E

# Rectangle

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



2879CB



A55CA7



85781A



308745

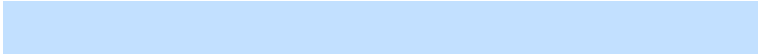


# Sweetspot

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



2879CB



C2E0FF



28CB7A



5B6D80



000000



808080



# Same Dimension

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



2879CB



0A84FF



2828CB



5C6166



0052A6



001326



# Inverse Universe

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



CB2879



FF0A84



CBCB28



665C61



A60052



260013



# Previews

## White Background



This preview shows how the Hex color 2879CB looks on a white background.

## Color Contrast Check

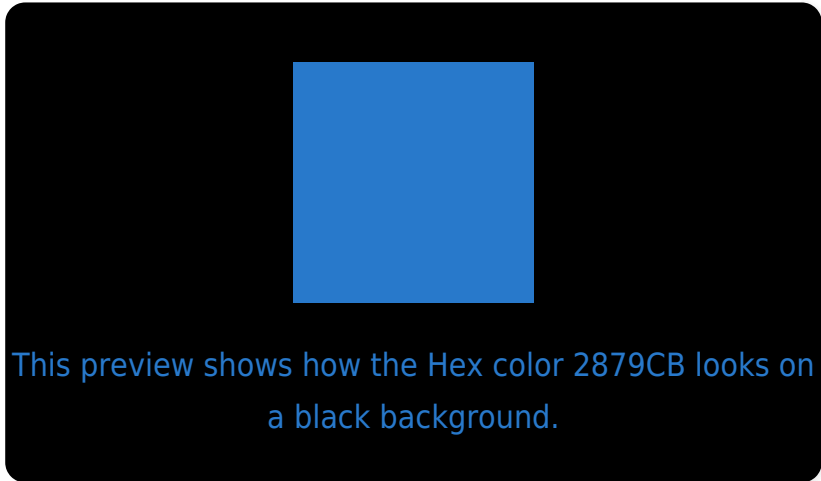
Large Text (above 18pt) WCAG AA ✓ Pass

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

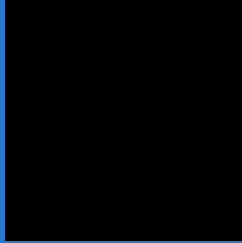
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2879CB Background



This preview shows how black text looks on a background with the Hex color 2879CB.



This preview shows how white text looks on a background with the Hex color 2879CB.

# 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](#).

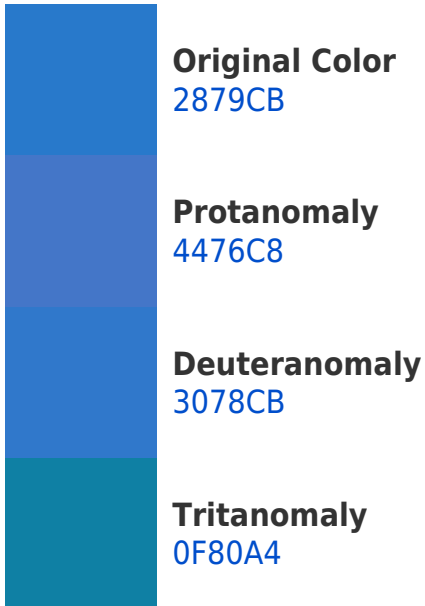
## Dichromacy



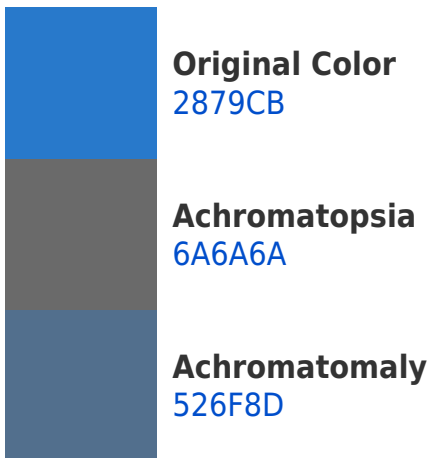


**Tritanopia**  
00848D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2879CB 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 #2879CB looks like.

```
.text, #text, p{  
    color:#2879CB  
}
```

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 #2879CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2879CB
}
```

## Border

The CSS property to change the border of an element to Hex 2879CB 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
#2879CB }
```

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

```
.border{ border-color:#2879CB }
```

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

Here you see how a box with a 4 pixel #2879CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2879CB; -webkit-box-shadow:4px 4px  
4px 4px #2879CB; box-shadow:4px 4px 4px  
4px #2879CB }
```

# Background

The CSS property to change the background color of an element to Hex 2879CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2879CB }
```

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

```
.background{ background-color:#2879CB }
```

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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