

# Converting Colors

Hex(2979CE)

Have a look what the booklet for  
Hex(2979CE) contains.

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# Color

Hex(2979CE)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2979CE
RGB	41, 121, 206
RGB Percent	16%, 47%, 81%
CMY	0.8392, 0.5255, 0.1922
CMYK	0.80, 0.41, 0.00, 0.19
HSL	211°, 67%, 48%
HSV	211°, 80%, 81%
XYZ	18.8924, 18.6024, 60.9874
YIQ	106.7700, -74.9650, 9.4750

# Conversions

## Conversions Part 2

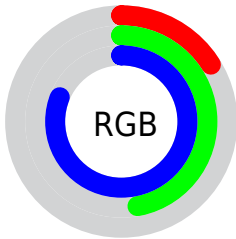
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 95, 206
Decimal	2718158
CIE Lab	50.22, 6.38, -50.69
CIE LCh	50, 51.092, 277.168
Yxy	18.6024, 0.1918, 0.1889
Android (android.graphics.Color)	4280908238 (0xFF2979CE)
YUV	106.7700, 48.9204, -57.6803
Hunter-Lab	43.1305, 2.7098, -53.6459

# Details

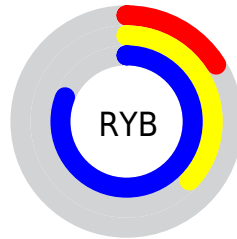
The Hex color **2979CE** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **CE7E29**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **70ADFF**, and **004997** is the 20% darker color. If you saturate the color by 10%, you get **146ECE**, and if you desaturate by 10%, it is **3E84CE**.

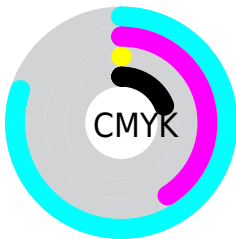
# Distribution



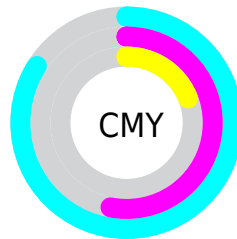
- Red (16%)
- Green (47%)
- Blue (81%)



- Red (16%)
- Yellow (37%)
- Blue (81%)



- Cyan (80%)
- Magenta (41%)
- Yellow (0%)
- Black (19%)



- Cyan (84%)
- Magenta (53%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2979CE 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 2979CE by changing the saturation by 10% instead.



 2979CE

 2979CE

FFFFFF

 0061B2

 70ADFF

 004997

 8FC8FF

 00337D

 ADE4FF

 002063

 CBFFFF

 00054B

 E9FFFF

 000433

 00021D

 000000

 2979CE

 2979CE

■ 146ECE

■ 3E84CE

■ 0064CE

■ 528ECE

■ 6799CE

■ 7BA3CE

■ 90AECE

■ A5B9CE

■ B9C3CE

■ CECECE

■ E2D9CE

# Harmonies

## Analogous

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



0085C7



2979CE



8767BD

# Triad

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



2979CE



C05845



008A54

# Complementary

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



2979CE



CE7E29

# 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.



56842D



2979CE



A96924

# Square

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



2979CE



C64E6F



847916



008C81

# Rectangle

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



2979CE



A85BA7



847916



288846

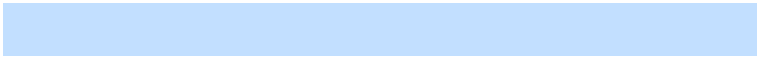


# Sweetspot

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



2979CE



C2DFFF



29CE7C



5B6C80



000000



808080



# Same Dimension

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



2979CE



0A81FF



2929CE



5C6166



0050A6



001326



# Inverse Universe

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



CE2979



FF0A81



CECE29



665C61



A60050



260013



# Previews

## White Background



This preview shows how the Hex color 2979CE 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

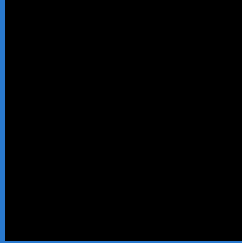
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

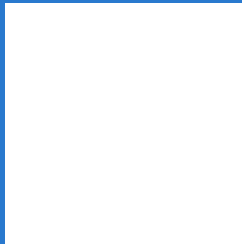
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2979CE Background



This preview shows how black text looks on a background with the Hex color 2979CE.

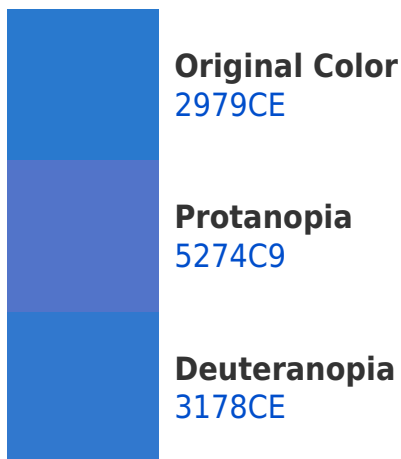


This preview shows how white text looks on a background with the Hex color 2979CE.

# 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](#).

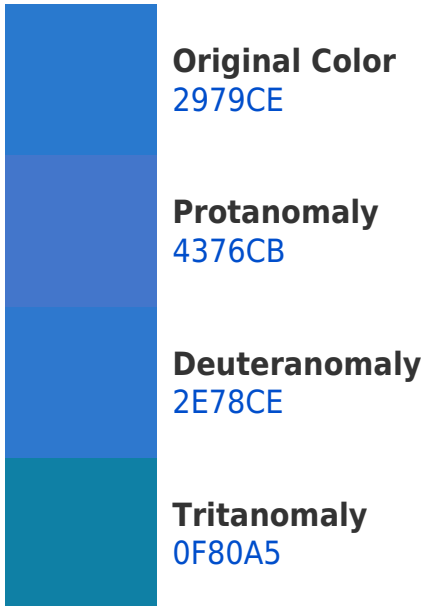
## Dichromacy





**Tritanopia**  
00848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2979CE 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 #2979CE looks like.

```
.text, #text, p{  
    color:#2979CE  
}
```

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 #2979CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2979CE
}
```

## Border

The CSS property to change the border of an element to Hex 2979CE 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
#2979CE }
```

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

```
.border{ border-color:#2979CE }
```

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

Here you see how a box with a 4 pixel #2979CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2979CE; -webkit-box-shadow:4px 4px  
4px 4px #2979CE; box-shadow:4px 4px 4px  
4px #2979CE }
```

# Background

The CSS property to change the background color of an element to Hex 2979CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2979CE }
```

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

```
.background{ background-color:#2979CE }
```

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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