

Converting Colors

Hex(2989CA)

Have a look what the booklet for
Hex(2989CA) contains.

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Color

Hex(2989CA)

Conversions

Conversions Part 1

Format	Color
Hex	2989CA
RGB	41, 137, 202
RGB Percent	16%, 54%, 79%
CMY	0.8392, 0.4627, 0.2078
CMYK	0.80, 0.32, 0.00, 0.21
HSL	204°, 66%, 48%
HSV	204°, 80%, 79%
XYZ	20.5208, 22.6270, 59.1630
YIQ	115.7060, -78.0810, -0.1370

Conversions

Conversions Part 2

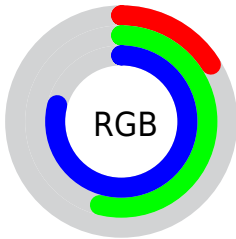
Format	Color
R _Y B	41, 101, 202
Decimal	2722250
CIE Lab	54.69, -4.73, -41.33
CIE LCh	55, 41.599, 263.475
Yxy	22.6270, 0.2006, 0.2212
Android (android.graphics.Color)	4280912330 (0xFF2989CA)
YUV	115.7060, 42.5429, -65.5172
Hunter-Lab	47.5679, -6.2388, -40.4450

Details

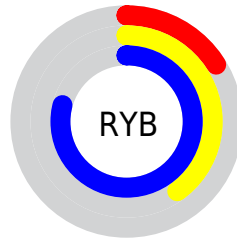
The Hex color **2989CA** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **CA6A29**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6FBEFF**, and **005893** is the 20% darker color. If you saturate the color by 10%, you get **1581CA**, and if you desaturate by 10%, it is **3D91CA**.

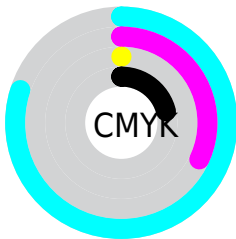
Distribution



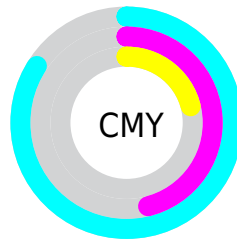
- Red (16%)
- Green (54%)
- Blue (79%)



- Red (16%)
- Yellow (40%)
- Blue (79%)



- Cyan (80%)
- Magenta (32%)
- Yellow (0%)
- Black (21%)



- Cyan (84%)
- Magenta (46%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2989CA 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 2989CA by changing the saturation by 10% instead.

 2989CA

 2989CA

FFFFFF

 0070AE

 6FBEFF

 005893

 8EDAFF

 004179

 ACF6FF

 002B60

 CAFFFF

 001748

 E8FFFF

 000431

 00011B

 000000

 2989CA

 2989CA

■ 1581CA

■ 3D91CA

■ 0179CA

■ 5199CA

■ 0078CA

■ 66A1CA

■ 7AAACA

■ 8EB2CA

■ A2BACA

■ B6C2CA

■ CBCACA

■ DFD2CA

Harmonies

Analogous

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



0091BC



2989CA



797DC5

Triad

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



2989CA



C66668



519156

Complementary

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



2989CA



CA6A29

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.



7C893E



2989CA



B9714A

Square

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



2989CA



C1658C



9F7E39



009579

Rectangle

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



2989CA



9B73B7



9F7E39



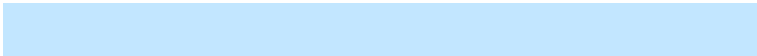
618F4D

Sweetspot

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



2989CA



C2E6FF



29CA69



5B7180



000000



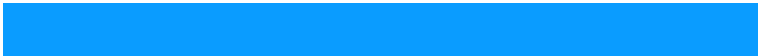
808080

Same Dimension

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



2989CA



0A9CFF



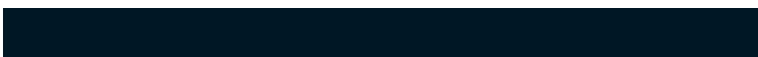
2939CA



5C6266



0063A6



001726

Inverse Universe

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



CA2989



FF0A9C



CABA29



665C62



A60063



260017

Previews

White Background



This preview shows how the Hex color 2989CA looks on a white background.

Color Contrast Check

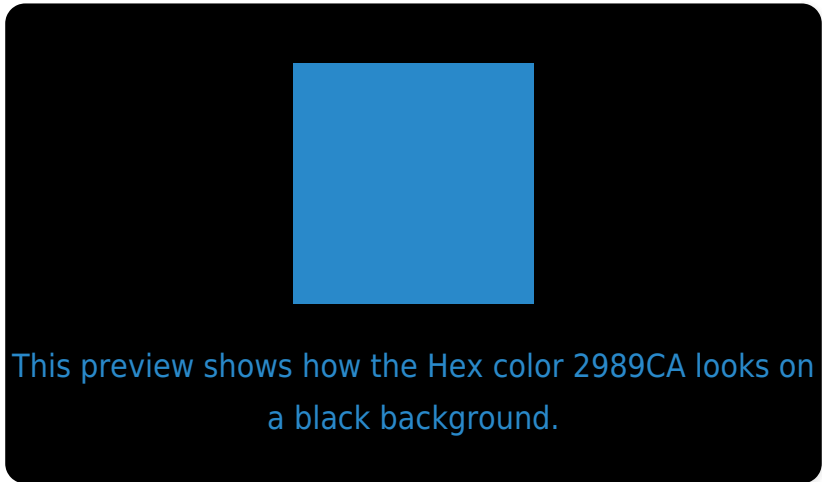
Large Text (above 18pt) WCAG AA ✓ Pass

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

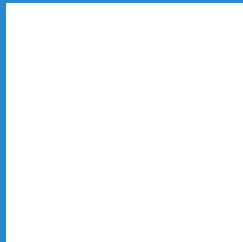
Any Text WCAG AAA × Fail

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

Hex 2989CA Background



This preview shows how black text looks on a background with the Hex color 2989CA.

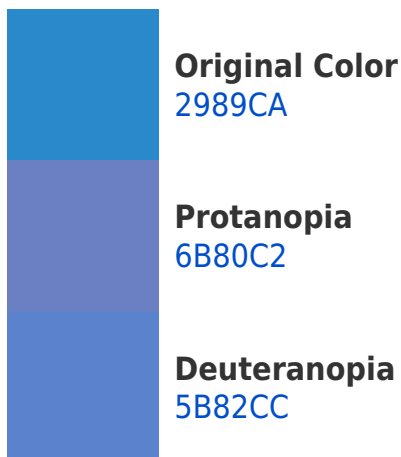


This preview shows how white text looks on a background with the Hex color 2989CA.

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](#).

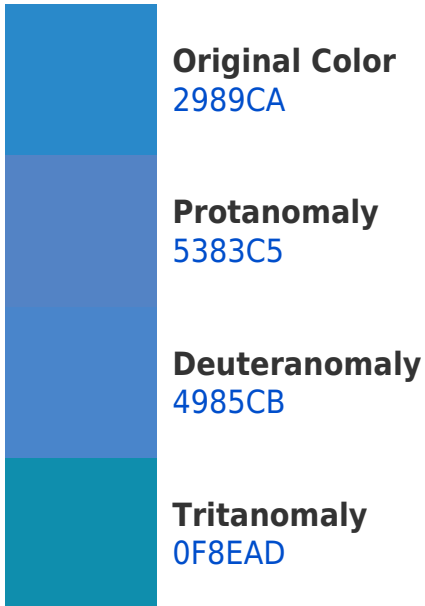
Dichromacy



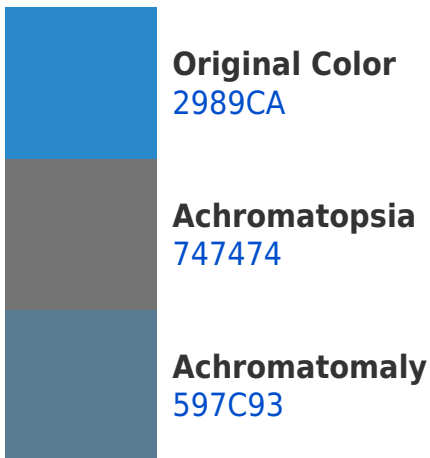


Tritanopia
00919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2989CA 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 #2989CA looks like.

```
.text, #text, p{  
    color:#2989CA  
}
```

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 #2989CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2989CA
}
```

Border

The CSS property to change the border of an element to Hex 2989CA 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
#2989CA }
```

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

```
.border{ border-color:#2989CA }
```

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

Here you see how a box with a 4 pixel #2989CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2989CA; -webkit-box-shadow:4px 4px  
4px 4px #2989CA; box-shadow:4px 4px 4px  
4px #2989CA }
```

Background

The CSS property to change the background color of an element to Hex 2989CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2989CA }
```

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

```
.background{ background-color:#2989CA }
```

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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