

# Converting Colors

Hex(2950CA)

Have a look what the booklet for  
Hex(2950CA) contains.

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# Color

**Hex(2950CA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2950CA
RGB	41, 80, 202
RGB Percent	16%, 31%, 79%
CMY	0.8392, 0.6863, 0.2078
CMYK	0.80, 0.60, 0.00, 0.21
HSL	225°, 66%, 48%
HSV	225°, 80%, 79%
XYZ	14.4438, 10.4730, 57.1373
YIQ	82.2470, -62.4060, 29.6740

# Conversions

## Conversions Part 2

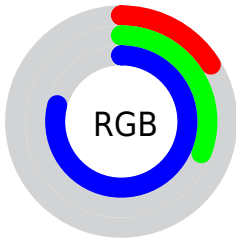
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 72, 202
Decimal	2707658
CIELab	38.68, 31.14, -67.05
CIELCh	39, 73.923, 294.911
Yxy	10.4730, 0.1760, 0.1276
Android (android.graphics.Color)	4280897738 (0xFF2950CA)
YUV	82.2470, 59.0382, -36.1736
Hunter-Lab	32.3620, 23.0344, -82.0271

# Details

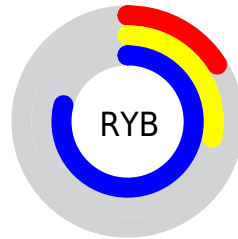
The Hex color **2950CA** is a dark color, and the websafe version is hex **003399**. The color can be described as dark muted blue. A complement of this color would be **CAA329**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7181FF**, and **002593** is the 20% darker color. If you saturate the color by 10%, you get **1541CA**, and if you desaturate by 10%, it is **3D5FCA**.

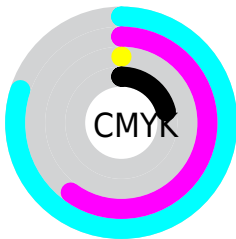
# Distribution



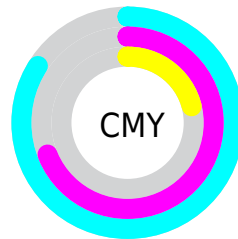
- Red (16%)
- Green (31%)
- Blue (79%)



- Red (16%)
- Yellow (28%)
- Blue (79%)



- Cyan (80%)
- Magenta (60%)
- Yellow (0%)
- Black (21%)



- Cyan (84%)
- Magenta (69%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2950CA 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 2950CA by changing the saturation by 10% instead.



 2950CA

 2950CA

FFFFFF

 0039AE

 7181FF

 002593

 909BFF

 001378

 AEB5FF

 00005F

 CCD1FF

 000846

 EBEDFF

 00042F

 000119

 000000

 2950CA

 2950CA

■ 1541CA

■ 3D5FCA

■ 0131CA

■ 516FCA

■ 0031CA

■ 667ECA

■ 7A8DCA

■ 8E9DCA

■ A2ACCA

■ B6BBCA

■ CBCACA

■ DFDACA

# Harmonies

## Analogous

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



0067D5



2950CA



9626A1

# Triad

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



2950CA



A33700



00724F

# Complementary

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



2950CA



CAA329

# 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.



006F03



2950CA



785500

# Square

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



2950CA



BC002D



3F6600



00738D

# Rectangle

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



2950CA



B3007C



3F6600



007139



# Sweetspot

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



2950CA



C2D1FF



29CAA2



5B6380



000000



808080



# Same Dimension

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



2950CA



0A45FF



5129CA



5C5E66



0028A6



000926



# Inverse Universe

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



CA2950



FF0A45



A2CA29



665C5E



A60028



260009



# Previews

## White Background



This preview shows how the Hex color 2950CA looks on a white background.

## Color Contrast Check

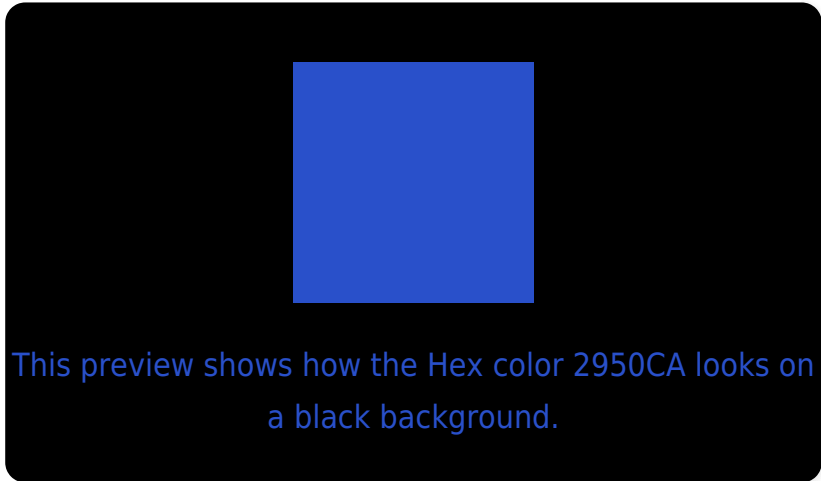
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

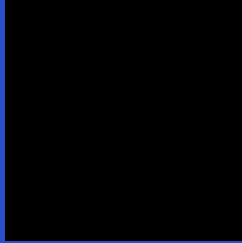
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2950CA Background



This preview shows how black text looks on a background with the Hex color 2950CA.



This preview shows how white text looks on a background with the Hex color 2950CA.

# 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](#).

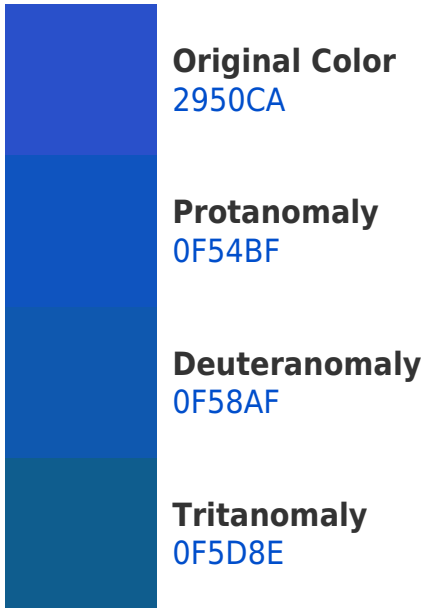
## Dichromacy



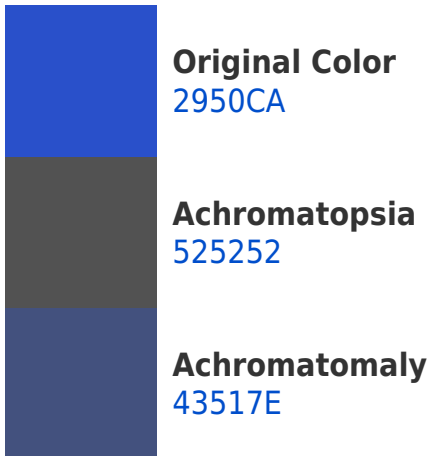


**Tritanopia**  
00656B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2950CA 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 #2950CA looks like.

```
.text, #text, p{  
    color:#2950CA  
}
```

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 #2950CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2950CA
}
```

## Border

The CSS property to change the border of an element to Hex 2950CA 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
#2950CA }
```

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

```
.border{ border-color:#2950CA }
```

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

Here you see how a box with a 4 pixel #2950CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2950CA; -webkit-box-shadow:4px 4px  
4px 4px #2950CA; box-shadow:4px 4px 4px  
4px #2950CA }
```

# Background

The CSS property to change the background color of an element to Hex 2950CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2950CA }
```

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

```
.background{ background-color:#2950CA }
```

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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