

# Converting Colors

Hex(2961CF)

Have a look what the booklet for  
Hex(2961CF) contains.

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# Color

**Hex(2961CF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2961CF
RGB	41, 97, 207
RGB Percent	16%, 38%, 81%
CMY	0.8392, 0.6196, 0.1882
CMYK	0.80, 0.53, 0.00, 0.19
HSL	220°, 67%, 49%
HSV	220°, 80%, 81%
XYZ	16.4516, 13.5258, 60.7751
YIQ	92.7960, -68.6860, 22.3380

# Conversions

## Conversions Part 2

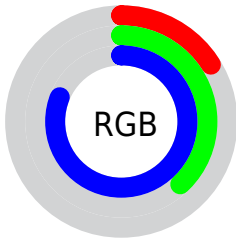
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 83, 207
Decimal	2712015
CIE <sub>Lab</sub>	43.55, 21.99, -62.01
CIE <sub>LCh</sub>	44, 65.792, 289.527
Yxy	13.5258, 0.1813, 0.1490
Android (android.graphics.Color)	4280902095 (0xFF2961CF)
YUV	92.7960, 56.3026, -45.4251
Hunter-Lab	36.7774, 15.4878, -72.2332

# Details

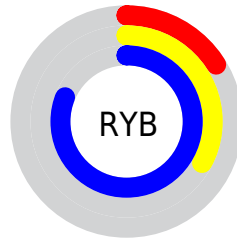
The Hex color **2961CF** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **CF9729**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7193FF**, and **003498** is the 20% darker color. If you saturate the color by 10%, you get **1453CF**, and if you desaturate by 10%, it is **3E6FCF**.

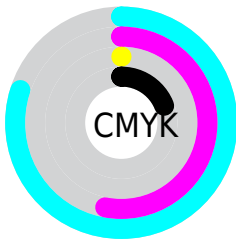
# Distribution



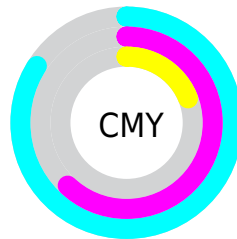
- Red (16%)
- Green (38%)
- Blue (81%)



- Red (16%)
- Yellow (33%)
- Blue (81%)



- Cyan (80%)
- Magenta (53%)
- Yellow (0%)
- Black (19%)



- Cyan (84%)
- Magenta (62%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2961CF 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 2961CF by changing the saturation by 10% instead.



 2961CF

 2961CF

FFFFFF

 004AB3

 7193FF

 003498

 90ADFF

 00207D

 AEC9FF

 000B63

 CDE5FF

 00094B

 EBFFFF

 000433

 00021D

 000000

 2961CF

 2961CF

■ 1453CF

■ 3E6FCF

■ 0046CF

■ 527CCF

■ 678ACF

■ 7C98CF

■ 91A6CF

■ A5B3CF

■ BAC1CF

■ CFCFCF

■ E3DCCF

# Harmonies

## Analogous

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



0073D3



2961CF



9444AF

# Triad

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



2961CF



B2430F



007D51

# Complementary

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



2961CF



CF9729

# 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.



007914



2961CF



8D5E00

# Square

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



2961CF



C42546



5C6F00



007E8A

# Rectangle

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



2961CF



B32E8E



5C6F00



007C3E



# Sweetspot

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



2961CF



C2D6FF



29CF95



5B6780



000000



808080



# Same Dimension

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



2961CF



0A5DFF



4229CF



5E6269



0039A8



000E29



# Inverse Universe

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



CF2961



FF0A5D



B6CF29



695E62



A80039



29000E



# Previews

## White Background



This preview shows how the Hex color 2961CF looks on a white background.

## Color Contrast Check

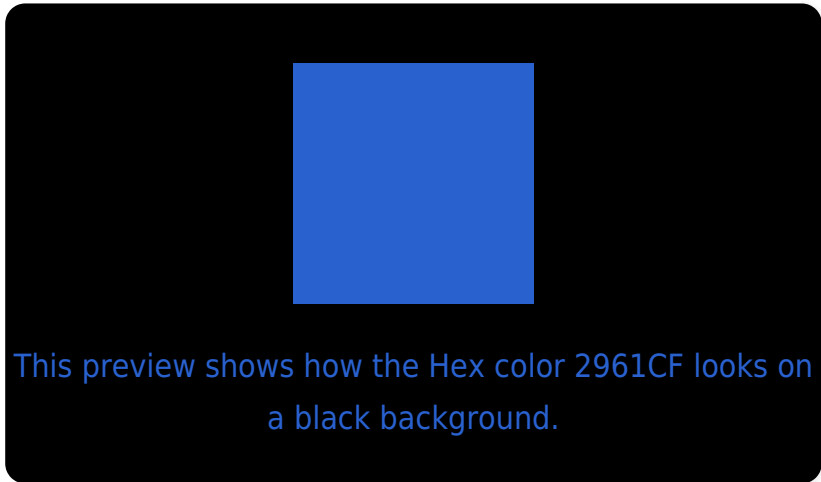
Large Text (above 18pt) WCAG AA ✓ Pass

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

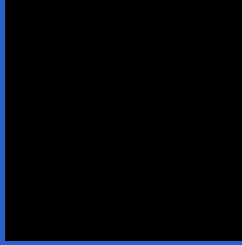
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2961CF Background



This preview shows how black text looks on a background with the Hex color 2961CF.



This preview shows how white text looks on a background with the Hex color 2961CF.

# 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



# Trichromacy



**Original Color**  
2961CF

**Protanomaly**  
1862D0

**Tritanomaly**  
0F6C98

# Monochromacy



**Original Color**  
2961CF

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
4A5E86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2961CF 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 #2961CF looks like.

```
.text, #text, p{  
    color:#2961CF  
}
```

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 #2961CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2961CF
}
```

## Border

The CSS property to change the border of an element to Hex 2961CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

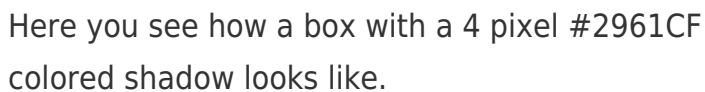
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2961CF }
```

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

```
.border{ border-color:#2961CF }
```

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



Here you see how a box with a 4 pixel #2961CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2961CF; -webkit-box-shadow:4px 4px  
4px 4px #2961CF; box-shadow:4px 4px 4px  
4px #2961CF }
```

# Background

The CSS property to change the background color of an element to Hex 2961CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2961CF }
```

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

```
.background{ background-color:#2961CF }
```

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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