

Converting Colors

Hex(2970BF)

Have a look what the booklet for
Hex(2970BF) contains.

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Color

Hex(2970BF)

Conversions

Conversions Part 1

Format	Color
Hex	2970BF
RGB	41, 112, 191
RGB Percent	16%, 44%, 75%
CMY	0.8392, 0.5608, 0.2510
CMYK	0.79, 0.41, 0.00, 0.25
HSL	212°, 65%, 45%
HSV	212°, 79%, 75%
XYZ	16.1126, 15.8213, 51.4948
YIQ	99.7770, -67.6750, 9.5170

Conversions

Conversions Part 2

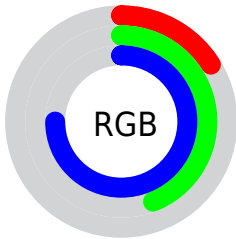
Format	Color
R_{YB}	41, 89, 191
Decimal	2715839
CIE _{Lab}	46.74, 6.30, -47.65
CIE _{LCh}	47, 48.066, 277.526
Yxy	15.8213, 0.1931, 0.1896
Android (android.graphics.Color)	4280905919 (0xFF2970BF)
YUV	99.7770, 44.9729, -51.5474
Hunter-Lab	39.7761, 2.6992, -48.9147

Details

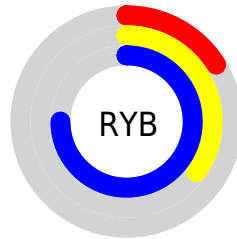
The Hex color **2970BF** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **BF7829**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **6DA3F8**, and **004189** is the 20% darker color. If you saturate the color by 10%, you get **1666BF**, and if you desaturate by 10%, it is **3C7ABF**.

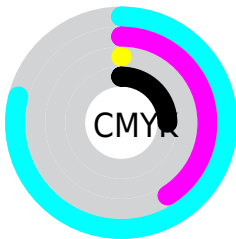
Distribution



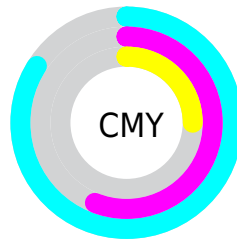
- Red (16%)
- Green (44%)
- Blue (75%)



- Red (16%)
- Yellow (35%)
- Blue (75%)



- Cyan (79%)
- Magenta (41%)
- Yellow (0%)
- Black (25%)



- Cyan (84%)
- Magenta (56%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2970BF 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 2970BF by changing the saturation by 10% instead.

■ 2970BF

■ 2970BF

FFFFFF

■ 0058A4

■ 6DA3F8

■ 004189

■ 8BBEFF

■ 002C6F

■ A8DAFF

■ 001856

■ C6F6FF

■ 00063E

■ E4FFFF

■ 000327

■ 000111

■ 000000

■ 2970BF

■ 2970BF

■ 1666BF

■ 3C7ABF

■ 035CBF

■ 4F84BF

■ 005ABF

■ 628EBF

■ 7598BF

■ 89A2BF

■ 9CACBF

■ AFB6BF

■ C2C0BF

■ D5CBBF

Harmonies

Analogous

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



007BB9



2970BF



7E60AF

Triad

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



2970BF



B25140



00804E

Complementary

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



2970BF



BF7829

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.



4F7A2A



2970BF



9C6121

Square

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



2970BF



B84866



7A7015



008278

Rectangle

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



2970BF



9C549B



7A7015



257F41

Sweetspot

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



2970BF



BCD8F7



29BF76



596A7D



FCFCFC



7D7D7D

Same Dimension

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



2970BF



0F7DF7



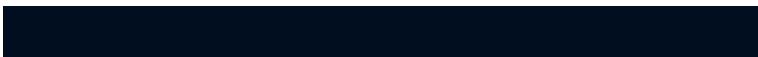
2B29BF



55595E



004B9E



000E1F

Inverse Universe

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



BF2970



F70F7D



BDBF29



5E5559



9E004B



1F000E

Previews

White Background



This preview shows how the Hex color 2970BF looks on a white background.

Color Contrast Check

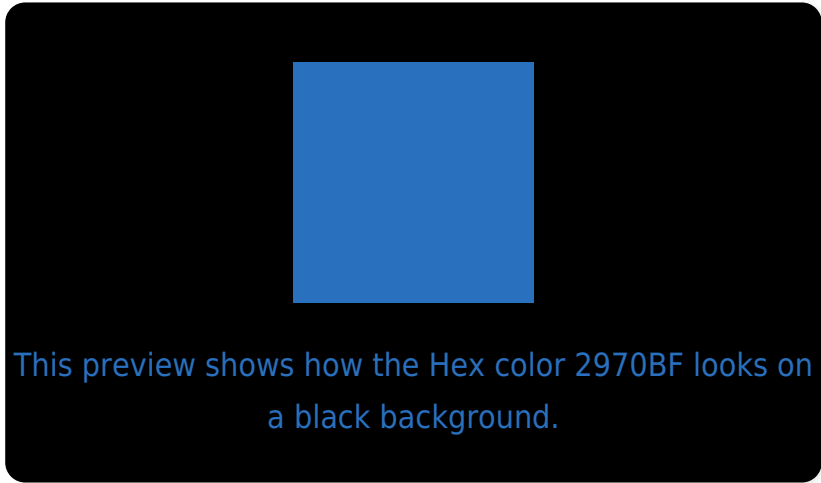
Large Text (above 18pt) WCAG AA ✓ Pass

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

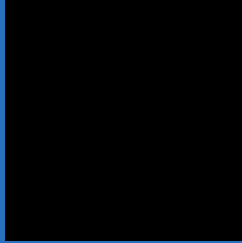
Any Text WCAG AA × Fail

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 2970BF Background



This preview shows how black text looks on a background with the Hex color 2970BF.



This preview shows how white text looks on a background with the Hex color 2970BF.

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](#).

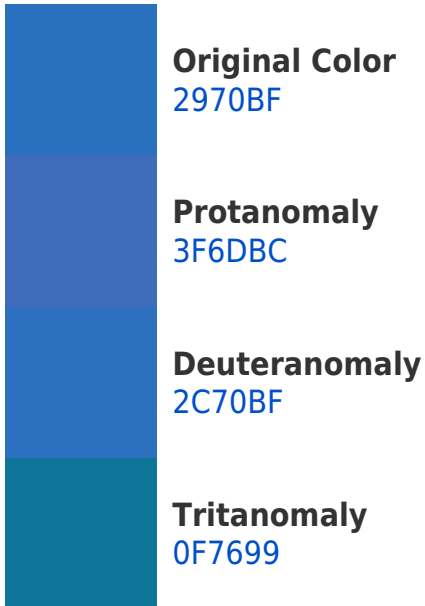
Dichromacy





Tritanopia
007A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2970BF 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 #2970BF looks like.

```
.text, #text, p{  
    color:#2970BF  
}
```

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 #2970BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2970BF
}
```

Border

The CSS property to change the border of an element to Hex 2970BF 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
#2970BF }
```

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

```
.border{ border-color:#2970BF }
```

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

Here you see how a box with a 4 pixel #2970BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2970BF; -webkit-box-shadow:4px 4px  
4px 4px #2970BF; box-shadow:4px 4px 4px  
4px #2970BF }
```

Background

The CSS property to change the background color of an element to Hex 2970BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2970BF }
```

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

```
.background{ background-color:#2970BF }
```

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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