

Converting Colors

Hex(2970CC)

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

Hex(2970CC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2970CC)

Conversions

Conversions Part 1

Format	Color
Hex	2970CC
RGB	41, 112, 204
RGB Percent	16%, 44%, 80%
CMY	0.8392, 0.5608, 0.2000
CMYK	0.80, 0.45, 0.00, 0.20
HSL	214°, 67%, 48%
HSV	214°, 80%, 80%
XYZ	17.6077, 16.4194, 59.3680
YIQ	101.2590, -71.8480, 13.5600

Conversions

Conversions Part 2

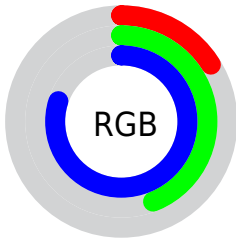
Format	Color
R_YB	41, 90, 204
Decimal	2715852
CIE _{Lab}	47.52, 11.24, -53.87
CIE _{LCh}	48, 55.033, 281.782
Yxy	16.4194, 0.1885, 0.1758
Android (android.graphics.Color)	4280905932 (0xFF2970CC)
YUV	101.2590, 50.6513, -52.8471
Hunter-Lab	40.5208, 6.6529, -58.5025

Details

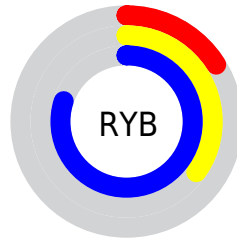
The Hex color **2970CC** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **CC8529**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **70A3FF**, and **004195** is the 20% darker color. If you saturate the color by 10%, you get **1564CC**, and if you desaturate by 10%, it is **3D7CCC**.

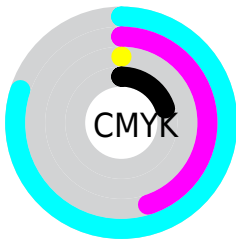
Distribution



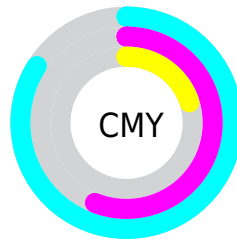
- Red (16%)
- Green (44%)
- Blue (80%)



- Red (16%)
- Yellow (35%)
- Blue (80%)



- Cyan (80%)
- Magenta (45%)
- Yellow (0%)
- Black (20%)



- Cyan (84%)
- Magenta (56%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 2970CC

 2970CC

FFFFFF

 0058B0

 70A3FF

 004195

 8EBEFF

 002C7B

 ACDAFF

 001961

 CBF6FF

 000849

 E9FFFF

 000431

 00011B

 000000

 2970CC

 2970CC

■ 1564CC

■ 3D7CCC

■ 0059CC

■ 5287CC

■ 6693CC

■ 7B9ECC

■ 8FAACC

■ A3B5CC

■ B8C1CC

■ CCCCCC

■ E1D8CC

Harmonies

Analogous

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



007EC9



2970CC



8A5CB6

Triad

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



2970CC



BA5035



008452

Complementary

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



2970CC



CC8529

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.



427F25



2970CC



9E640D

Square

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



2970CC



C44260



767400



008682

Rectangle

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



2970CC



AA4E9D



767400



008342

Sweetspot

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



2970CC



C2DCFF



29CC83



5B6B80



000000



808080

Same Dimension

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



2970CC



0A75FF



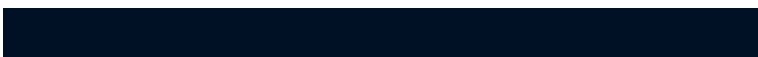
3129CC



5C6066



0048A6



001126

Inverse Universe

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



CC2970



FF0A75



C4CC29



665C60



A60048



260011

Previews

White Background



This preview shows how the Hex color 2970CC 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



This preview shows how the Hex color 2970CC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

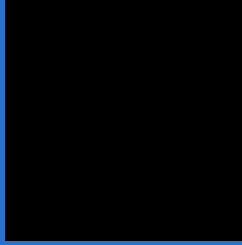
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

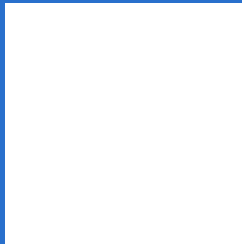
Any Text WCAG AAA × Fail

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

Hex 2970CC Background



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



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

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](#).

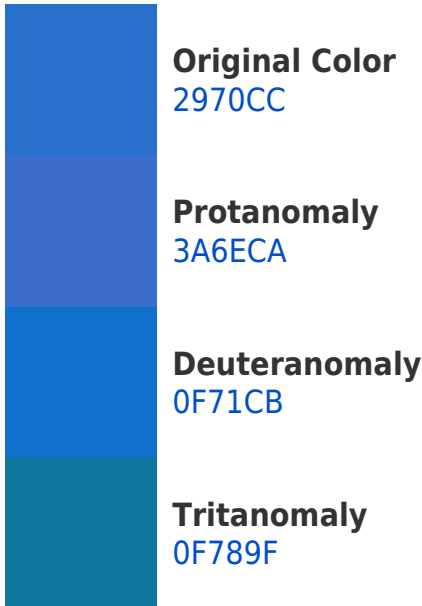
Dichromacy



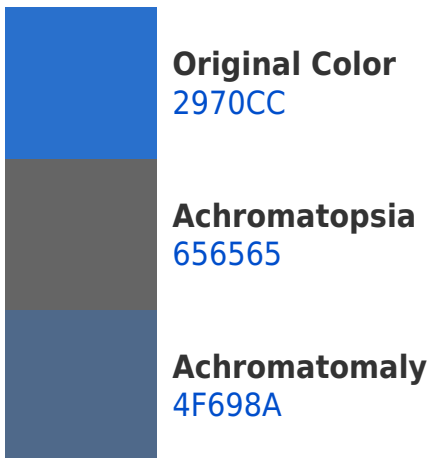


Tritanopia
007D85

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #2970CC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor