

Converting Colors

Hex(2670DD)

Have a look what the booklet for
Hex(2670DD) contains.

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Color

Hex(2670DD)

Conversions

Conversions Part 1

Format	Color
Hex	2670DD
RGB	38, 112, 221
RGB Percent	15%, 44%, 87%
CMY	0.8510, 0.5608, 0.1333
CMYK	0.83, 0.49, 0.00, 0.13
HSL	216°, 73%, 51%
HSV	216°, 83%, 87%
XYZ	19.6446, 17.2209, 70.6952
YIQ	102.3000, -79.0930, 18.2110

Conversions

Conversions Part 2

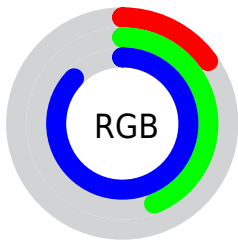
Format	Color
RYB	38, 91, 221
Decimal	2519261
CIELab	48.54, 17.45, -61.91
CIELCh	49, 64.324, 285.737
Yxy	17.2209, 0.1826, 0.1601
Android (android.graphics.Color)	4280709341 (0xFF2670DD)
YUV	102.3000, 58.5191, -56.3911
Hunter-Lab	41.4980, 11.8781, -71.9566

Details

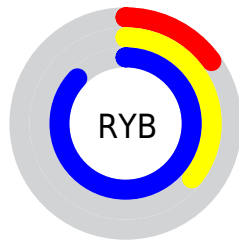
The Hex color **2670DD** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **DD9326**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **72A3FF**, and **0041A5** is the 20% darker color. If you saturate the color by 10%, you get **1063DD**, and if you desaturate by 10%, it is **3C7DDD**.

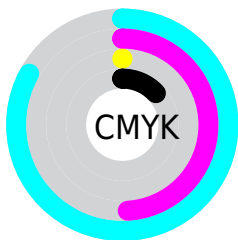
Distribution



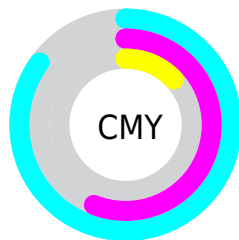
- Red (15%)
- Green (44%)
- Blue (87%)



- Red (15%)
- Yellow (36%)
- Blue (87%)



- Cyan (83%)
- Magenta (49%)
- Yellow (0%)
- Black (13%)



- Cyan (85%)
- Magenta (56%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2670DD 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 2670DD by changing the saturation by 10% instead.

 2670DD

 2670DD

FFFFFF

 0058C1

 72A3FF

 0041A5

 92BEFF

 002D8A

 B1DAFF

 001A70

 CFF6FF

 000457

 EEEFFF

 00063E

 000328

 000111

 000000

■ 2670DD

■ 2670DD

■ 1063DD

■ 3C7DDD

■ 0059DD

■ 528ADD

■ 6897DD

■ 7EA5DD

■ 95B2DD

■ ABBFDD

■ C1CCDD

■ D7D9DD

■ EDE6DD

Harmonies

Analogous

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



0081DD



2670DD



9956C0

Triad

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



2670DD



C34E26



008A56

Complementary

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



2670DD



DD9326

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.



2A841D



2670DD



A06700

Square

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



2670DD



D33759



717A00



008C8F

Rectangle

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



2670DD



BB43A1



717A00



008944

Sweetspot

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



2670DD



BFD9FF



26DD91



596980



000000



808080

Same Dimension

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



2670DD



0369FF



3526DD



63676E



0046AD



00132E

Inverse Universe

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



DD2670



FF0369



CEDD26



6E6367



AD0046



2E0013

Previews

White Background



This preview shows how the Hex color 2670DD looks on a white background.

Color Contrast Check

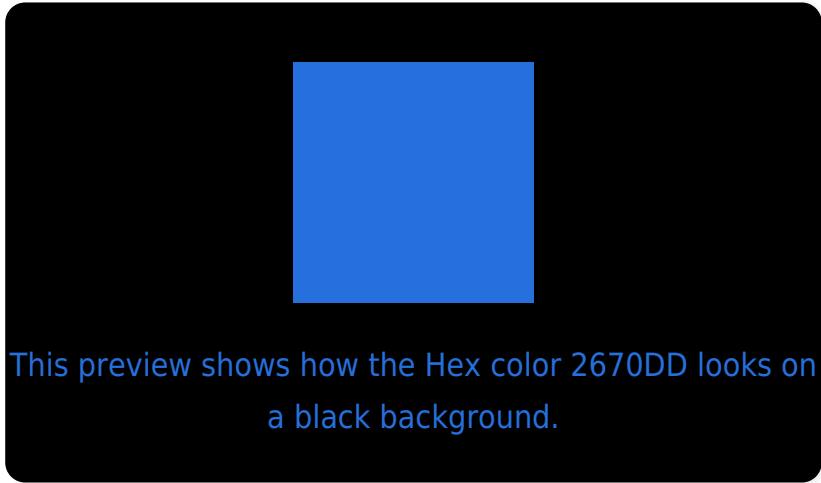
Large Text (above 18pt) WCAG AA ✓ Pass

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

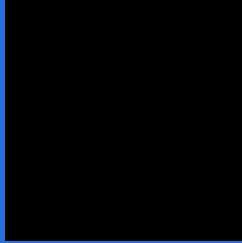
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

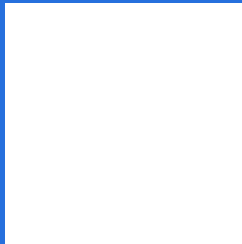
Any Text WCAG AAA × Fail

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

Hex 2670DD Background



This preview shows how black text looks on a background with the Hex color 2670DD.

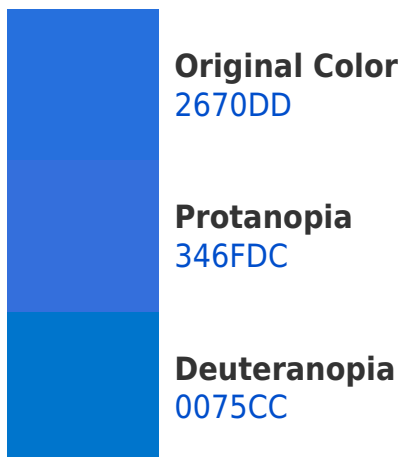


This preview shows how white text looks on a background with the Hex color 2670DD.

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](#).

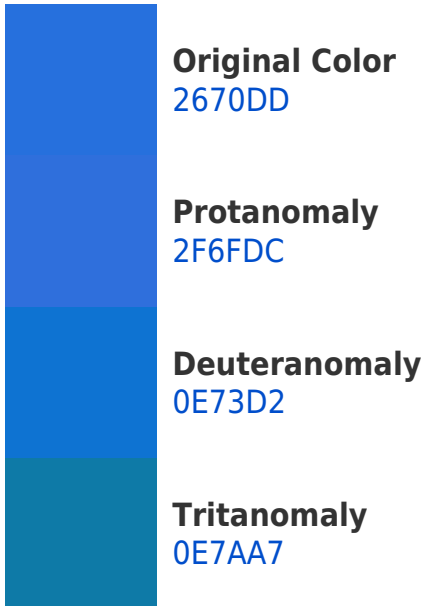
Dichromacy





Tritanopia
007F88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2670DD 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 #2670DD looks like.

```
.text, #text, p{  
    color:#2670DD  
}
```

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 #2670DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2670DD
}
```

Border

The CSS property to change the border of an element to Hex 2670DD 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
#2670DD }
```

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

```
.border{ border-color:#2670DD }
```

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

Here you see how a box with a 4 pixel #2670DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2670DD; -webkit-box-shadow:4px 4px  
4px 4px #2670DD; box-shadow:4px 4px 4px  
4px #2670DD }
```

Background

The CSS property to change the background color of an element to Hex 2670DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2670DD }
```

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

```
.background{ background-color:#2670DD }
```

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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