

Converting Colors

Hex(2C70DD)

Have a look what the booklet for
Hex(2C70DD) contains.

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Color

Hex(2C70DD)

Conversions

Conversions Part 1

Format	Color
Hex	2C70DD
RGB	44, 112, 221
RGB Percent	17%, 44%, 87%
CMY	0.8275, 0.5608, 0.1333
CMYK	0.80, 0.49, 0.00, 0.13
HSL	217°, 72%, 52%
HSV	217°, 80%, 87%
XYZ	19.8840, 17.3443, 70.7064
YIQ	104.0940, -75.5170, 19.4830

Conversions

Conversions Part 2

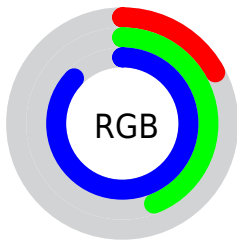
Format	Color
R_{YB}	44, 93, 221
Decimal	2912477
CIE _{Lab}	48.69, 17.98, -61.66
CIE _{LCh}	49, 64.224, 286.257
Yxy	17.3443, 0.1842, 0.1607
Android (android.graphics.Color)	4281102557 (0xFF2C70DD)
YUV	104.0940, 57.6347, -52.7024
Hunter-Lab	41.6465, 12.3432, -71.5087

Details

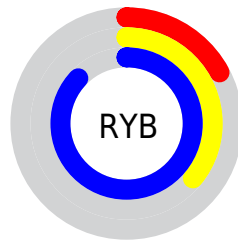
The Hex color **2C70DD** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **DD992C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **75A3FF**, and **0041A5** is the 20% darker color. If you saturate the color by 10%, you get **1662DD**, and if you desaturate by 10%, it is **427EDD**.

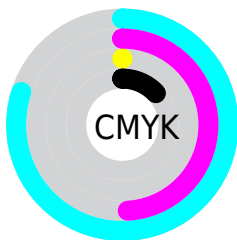
Distribution



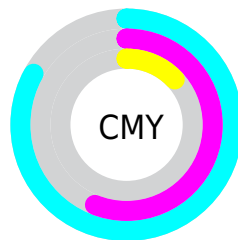
- Red (17%)
- Green (44%)
- Blue (87%)



- Red (17%)
- Yellow (36%)
- Blue (87%)



- Cyan (80%)
- Magenta (49%)
- Yellow (0%)
- Black (13%)



- Cyan (83%)
- Magenta (56%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C70DD 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 2C70DD by changing the saturation by 10% instead.

■ 2C70DD

■ 2C70DD

FFFFFF

■ 0058C1

■ 75A3FF

■ 0041A5

■ 95BEFF

■ 002C8A

■ B3DAFF

■ 001A70

■ D2F6FF

■ 000357

■ F1FFFF

■ 00063E

■ 000328

■ 000111

■ 000000

■ 2C70DD

■ 2C70DD

■ 1662DD

■ 427EDD

■ 0055DD

■ 588BDD

■ 6E99DD

■ 84A6DD

■ 9BB4DD

■ B1C2DD

■ C7CFDD

■ DDDDDD

■ F3EADD

Harmonies

Analogous

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



0081DE



2C70DD



9A56C0

Triad

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



2C70DD



C34F25



008A58

Complementary

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



2C70DD



DD992C

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.



29851F



2C70DD



A06800

Square

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



2C70DD



D33859



707A00



008C91

Rectangle

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



2C70DD



BC43A1



707A00



008945

Sweetspot

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



2C70DD



C2D9FF



2CDD96



5B6980



000000



808080

Same Dimension

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



2C70DD



0A68FF



3E2CDD



63676E



0043AD



00122E

Inverse Universe

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



DD2C70



FF0A68



CBDD2C



6E6367



AD0043



2E0012

Previews

White Background



This preview shows how the Hex color 2C70DD looks on a white background.

Color Contrast Check

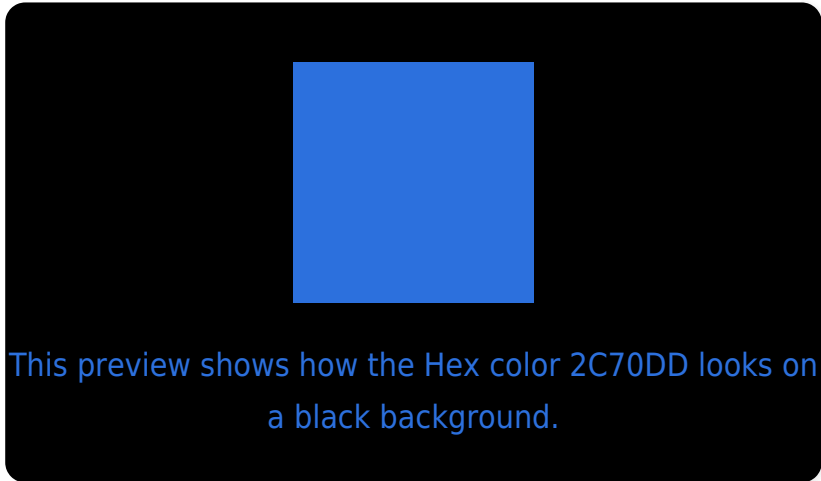
Large Text (above 18pt) WCAG AA ✓ Pass

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

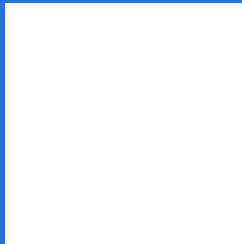
Any Text WCAG AAA × Fail

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

Hex 2C70DD Background



This preview shows how black text looks on a background with the Hex color 2C70DD.



This preview shows how white text looks on a background with the Hex color 2C70DD.

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](#).

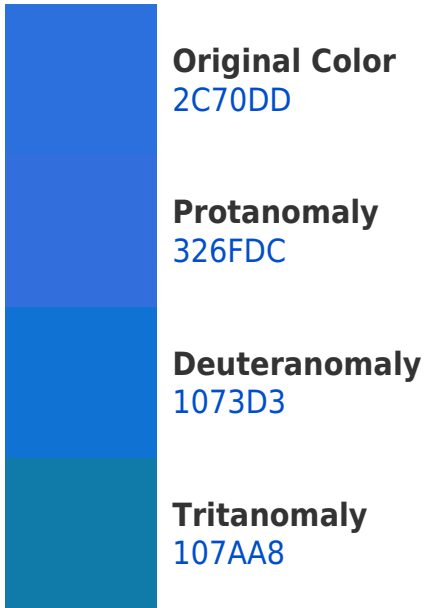
Dichromacy





Tritanopia
008089

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2C70DD 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 #2C70DD looks like.

```
.text, #text, p{  
  color:#2C70DD  
}
```

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 #2C70DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C70DD
}
```

Border

The CSS property to change the border of an element to Hex 2C70DD 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
#2C70DD }
```

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

```
.border{ border-color:#2C70DD }
```

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

Here you see how a box with a 4 pixel #2C70DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C70DD; -webkit-box-shadow:4px 4px  
4px 4px #2C70DD; box-shadow:4px 4px 4px  
4px #2C70DD }
```

Background

The CSS property to change the background color of an element to Hex 2C70DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C70DD }
```

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

```
.background{ background-color:#2C70DD }
```

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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