

Converting Colors

Hex(2D70CA)

Have a look what the booklet for
Hex(2D70CA) contains.

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Color

Hex(2D70CA)

Conversions

Conversions Part 1

Format	Color
Hex	2D70CA
RGB	45, 112, 202
RGB Percent	18%, 44%, 79%
CMY	0.8235, 0.5608, 0.2078
CMYK	0.78, 0.45, 0.00, 0.21
HSL	214°, 64%, 48%
HSV	214°, 78%, 79%
XYZ	17.5370, 16.4105, 58.1204
YIQ	102.2270, -68.8220, 13.7860

Conversions

Conversions Part 2

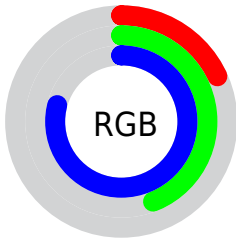
Format	Color
R_{YB}	45, 92, 202
Decimal	2977994
CIE _{Lab}	47.51, 10.91, -52.74
CIE _{LCh}	48, 53.856, 281.682
Yxy	16.4105, 0.1905, 0.1782
Android (android.graphics.Color)	4281168074 (0xFF2D70CA)
YUV	102.2270, 49.1881, -50.1881
Hunter-Lab	40.5099, 6.3817, -56.7077

Details

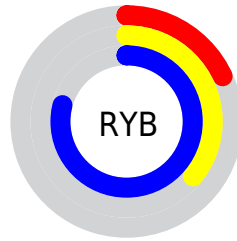
The Hex color **2D70CA** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **CA872D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **71A3FF**, and **004193** is the 20% darker color. If you saturate the color by 10%, you get **1964CA**, and if you desaturate by 10%, it is **417CCA**.

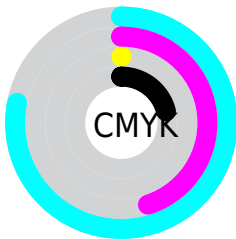
Distribution



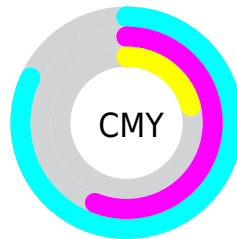
- Red (18%)
- Green (44%)
- Blue (79%)



- Red (18%)
- Yellow (36%)
- Blue (79%)



- Cyan (78%)
- Magenta (45%)
- Yellow (0%)
- Black (21%)



- Cyan (82%)
- Magenta (56%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D70CA 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 2D70CA by changing the saturation by 10% instead.

■ 2D70CA

■ 2D70CA

FFFFFF

■ 0058AE

■ 71A3FF

■ 004193

■ 90BEFF

■ 002C79

■ AEDAFF

■ 00195F

■ CCF6FF

■ 000847

■ EAFFFF

■ 000430

■ 00011A

■ 000000

■ 2D70CA

■ 2D70CA

■ 1964CA

■ 417CCA

■ 0559CA

■ 5587CA

■ 0056CA

■ 6A93CA

■ 7E9ECA

■ 92AACA

■ A6B5CA

■ BAC1CA

■ CFCDCA

■ E3D8CA

Harmonies

Analogous

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



007DC7



2D70CA



895DB5

Triad

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



2D70CA



B95136



008452

Complementary

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



2D70CA



CA872D

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.



447F27



2D70CA



9D6411

Square

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



2D70CA



C24361



767402



008682

Rectangle

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



2D70CA



A94F9D



767402



008343

Sweetspot

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



2D70CA



C4DDFF



2DCA86



5C6B80



000000



808080

Same Dimension

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



2D70CA



1277FF



372DCA



5C6066



0047A6



001026

Inverse Universe

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



CA2D70



FF1277



C0CA2D



665C60



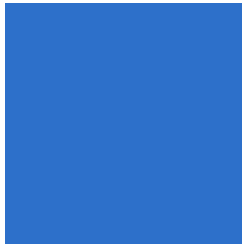
A60047



260010

Previews

White Background



This preview shows how the Hex color 2D70CA looks on a white background.

Color Contrast Check

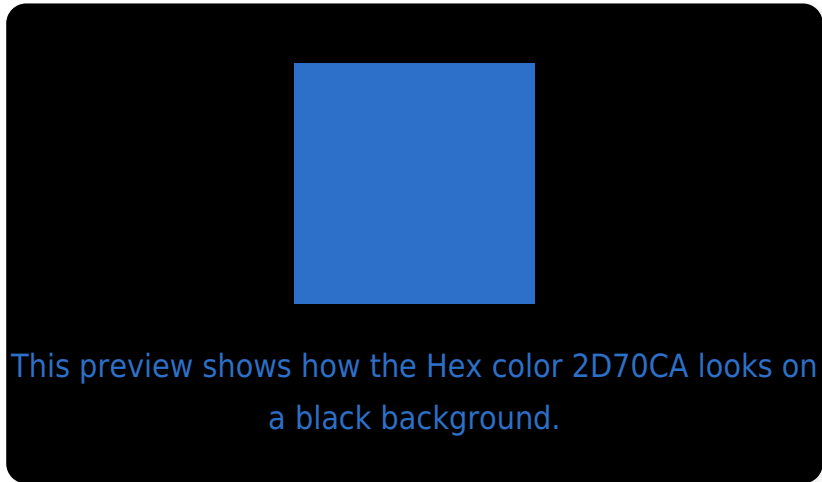
Large Text (above 18pt) WCAG AA ✓ Pass

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

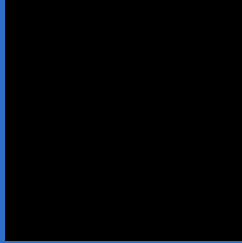
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

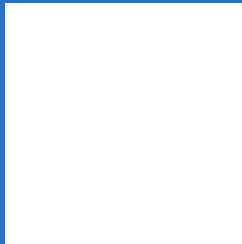
Any Text WCAG AAA × Fail

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

Hex 2D70CA Background



This preview shows how black text looks on a background with the Hex color 2D70CA.

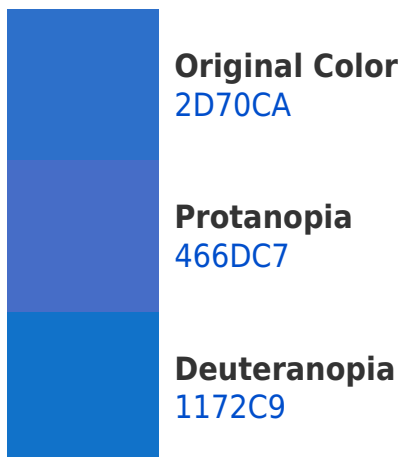


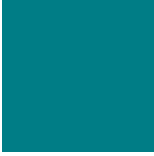
This preview shows how white text looks on a background with the Hex color 2D70CA.

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](#).

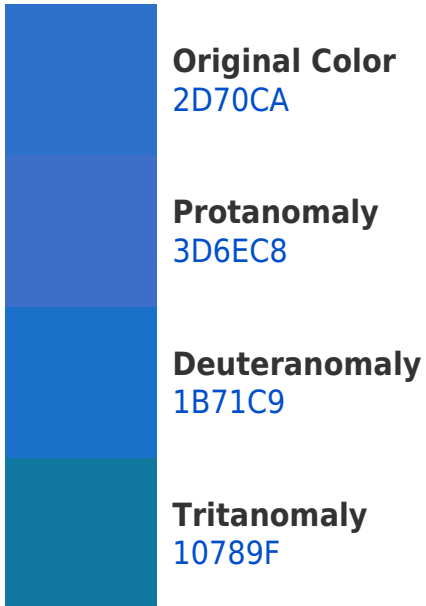
Dichromacy





Tritanopia
007D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D70CA 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 #2D70CA looks like.

```
.text, #text, p{  
    color:#2D70CA  
}
```

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 #2D70CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D70CA
}
```

Border

The CSS property to change the border of an element to Hex 2D70CA 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
#2D70CA }
```

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

```
.border{ border-color:#2D70CA }
```

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

Here you see how a box with a 4 pixel #2D70CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D70CA; -webkit-box-shadow:4px 4px  
4px 4px #2D70CA; box-shadow:4px 4px 4px  
4px #2D70CA }
```

Background

The CSS property to change the background color of an element to Hex 2D70CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D70CA }
```

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

```
.background{ background-color:#2D70CA }
```

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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