

Converting Colors

Hex(2741B0)

Have a look what the booklet for
Hex(2741B0) contains.

Hex(2741B0)	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(2741B0)

Conversions

Conversions Part 1

Format	Color
Hex	2741B0
RGB	39, 65, 176
RGB Percent	15%, 25%, 69%
CMY	0.8471, 0.7451, 0.3098
CMYK	0.78, 0.63, 0.00, 0.31
HSL	229°, 64%, 42%
HSV	229°, 78%, 69%
XYZ	10.5635, 7.3465, 41.9356
YIQ	69.8800, -51.1270, 29.0090

Conversions

Conversions Part 2

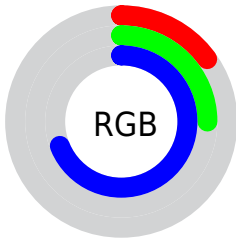
Format	Color
R _Y B	39, 61, 176
Decimal	2572720
CIE Lab	32.58, 30.99, -61.75
CIE LCh	33, 69.088, 296.647
Yxy	7.3465, 0.1765, 0.1228
Android (android.graphics.Color)	4280762800 (0xFF2741B0)
YUV	69.8800, 52.3172, -27.0818
Hunter-Lab	27.1045, 22.1343, -72.7594




Details

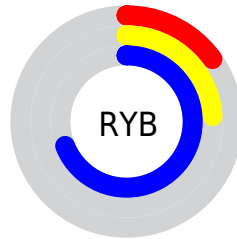
The Hex color **2741B0** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B09627**, and the grayscale version is **454545**.




A 20% lighter version of the original color is **6A71E9**, and **00177A** is the 20% darker color. If you saturate the color by 10%, you get **1533B0**, and if you desaturate by 10%, it is **394FB0**.

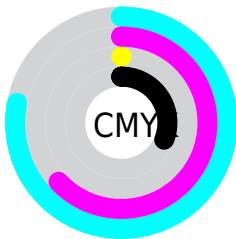
Distribution







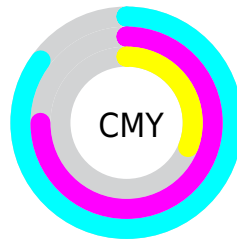
-  Red (15%)
-  Green (25%)
-  Blue (69%)






-  Red (15%)
-  Yellow (24%)
-  Blue (69%)



-  Cyan (78%)
-  Magenta (63%)
-  Yellow (0%)
-  Black (31%)



-  Cyan (85%)
-  Magenta (75%)
-  Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2741B0 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 2741B0 by changing the saturation by 10% instead.

■ 2741B0

■ 2741B0

FFFFFF

■ 002B95

■ 6A71E9

■ 00177A

■ 888AFF

■ 000061

■ A6A4FF

■ 000848

■ C3BFFF

■ 000430

■ E1DBFF

■ 00011B

■ FFF8FF

■ 000000

■ 2741B0

■ 2741B0

■ 1533B0

■ 394FB0

■ 0424B0

■ 4A5EB0

■ 0021B0

■ 5C6CB0

■ 6D7AB0

■ 7F88B0

■ 9197B0

■ A2A5B0

■ B4B3B0

■ C5C1B0

Harmonies

Analogous

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



0056BC



2741B0



85158A

Triad

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



2741B0



8B2D00



006145

Complementary

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



2741B0



B09627

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.



005E01



2741B0



644900

Square

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



2741B0



A30020



2E5700



00627D

Rectangle

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



2741B0



9E0067



2E5700



006131

Sweetspot

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



2741B0



B1BBE6



27B095



535973



F2F2F2



737373

Same Dimension

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



2741B0



1039E6



5027B0



505259



001D99



00051A

Inverse Universe

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



B02741



E61039



87B027



595052



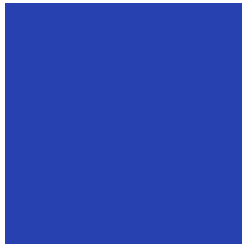
99001D



1A0005

Previews

White Background



This preview shows how the Hex color 2741B0 looks on a white background.

Color Contrast Check

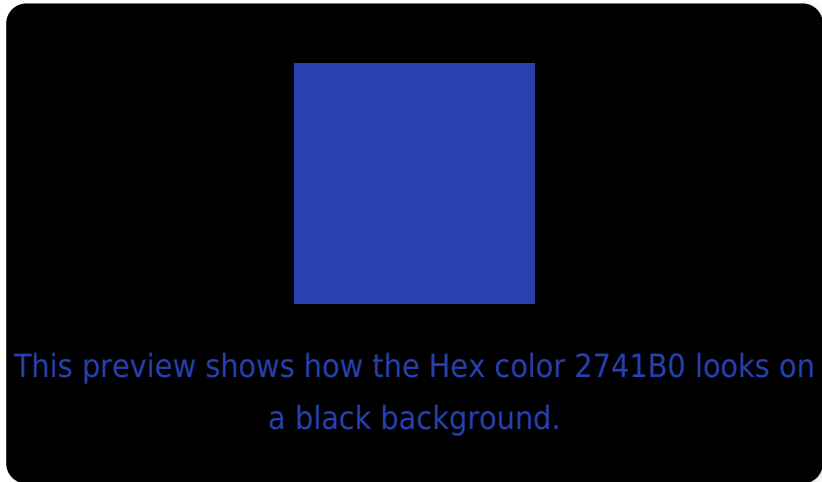
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

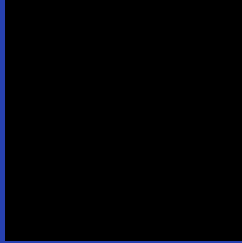
Any Text WCAG AA × Fail

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 2741B0 Background



This preview shows how black text looks on a background with the Hex color 2741B0.

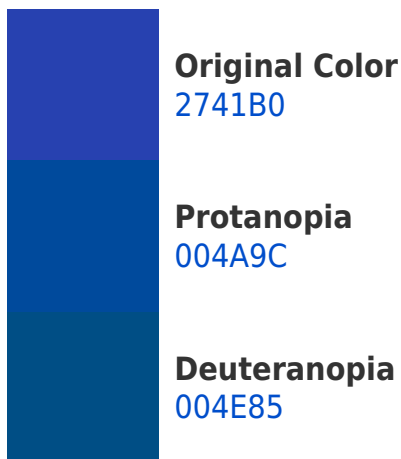



This preview shows how white text looks on a background with the Hex color 2741B0.

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
00555A

Trichromacy



Original Color
2741B0

Protanomaly
0E47A3

Deuteranomaly
0E4995

Tritanomaly
0E4E79

Monochromacy



Original Color
2741B0

Achromatopsia
464646

Achromatomaly
3B446D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2741B0 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 #2741B0 looks like.

```
.text, #text, p{  
    color:#2741B0  
}
```

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 #2741B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2741B0
}
```

Border

The CSS property to change the border of an element to Hex 2741B0 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
#2741B0 }
```

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

```
.border{ border-color:#2741B0 }
```

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

Here you see how a box with a 4 pixel #2741B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2741B0; -webkit-box-shadow:4px 4px  
4px 4px #2741B0; box-shadow:4px 4px 4px  
4px #2741B0 }
```

Background

The CSS property to change the background color of an element to Hex 2741B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2741B0 }
```

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

```
.background{ background-color:#2741B0 }
```

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