

Converting Colors

Hex(2B37BF)

Have a look what the booklet for
Hex(2B37BF) contains.

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Color

Hex(2B37BF)

Conversions

Conversions Part 1

Format	Color
Hex	2B37BF
RGB	43, 55, 191
RGB Percent	17%, 22%, 75%
CMY	0.8314, 0.7843, 0.2510
CMYK	0.77, 0.71, 0.00, 0.25
HSL	235°, 63%, 46%
HSV	235°, 77%, 75%
XYZ	11.7664, 7.0076, 50.0226
YIQ	66.9160, -50.8080, 39.7520

Conversions

Conversions Part 2

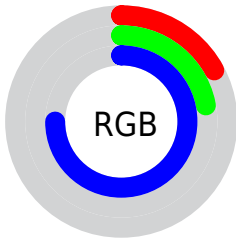
Format	Color
R_{YB}	43, 54, 191
Decimal	2832319
CIE _{Lab}	31.82, 43.06, -71.87
CIE _{LCh}	32, 83.779, 300.926
Yxy	7.0076, 0.1710, 0.1019
Android (android.graphics.Color)	4281022399 (0xFF2B37BF)
YUV	66.9160, 61.1734, -20.9743
Hunter-Lab	26.4718, 33.0157, -93.5076

Details

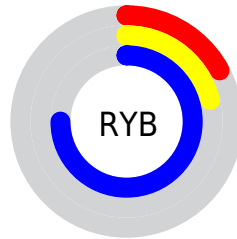
The Hex color **2B37BF** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **BFB32B**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **7167F9**, and **000C88** is the 20% darker color. If you saturate the color by 10%, you get **1825BF**, and if you desaturate by 10%, it is **3E49BF**.

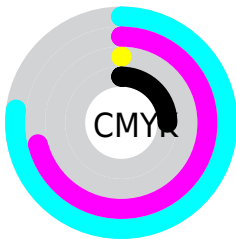
Distribution



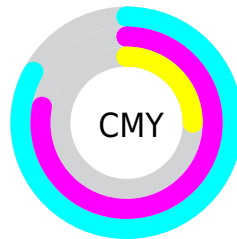
- Red (17%)
- Green (22%)
- Blue (75%)



- Red (17%)
- Yellow (21%)
- Blue (75%)



- Cyan (77%)
- Magenta (71%)
- Yellow (0%)
- Black (25%)



- Cyan (83%)
- Magenta (78%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B37BF 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 2B37BF by changing the saturation by 10% instead.

■ 2B37BF

■ 2B37BF

FFFFFF

■ 0021A3

■ 7167F9

■ 000C88

■ 9080FF

■ 00006E

■ AE9AFF

■ 000554

■ CCB5FF

■ 00063C

■ EBD1FF

■ 000226

■ FFEEFF

■ 00010E

■ 000000

■ 2B37BF

■ 2B37BF

■ 1825BF

■ 3E49BF

■ 0514BF

■ 515ABF

■ 000FBF

■ 646CBF

■ 777DBF

■ 8B8FBF

■ 9EA0BF

■ B1B2BF

■ C4C3BF

■ D7D5BF

Harmonies

Analogous

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



0055D3



2B37BF



95008C

Triad

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



2B37BF



8C2700



00624B

Complementary

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



2B37BF



BFB32B

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.



005F00



2B37BF



5B4A00

Square

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



2B37BF



AD000C



005900



00638E

Rectangle

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



2B37BF



AF0062



005900



006134

Sweetspot

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



2B37BF



BEC3F7



2BBFB3



5A5D7D



FCFCFC



7D7D7D

Same Dimension

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



2B37BF



1124F7



692BBF



55565E



000D9E



00021F

Inverse Universe

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



BF2B37



F71124



81BF2B



5E5556



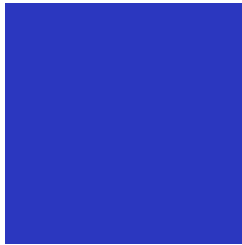
9E000D



1F0002

Previews

White Background



This preview shows how the Hex color 2B37BF looks on a white background.

Color Contrast Check

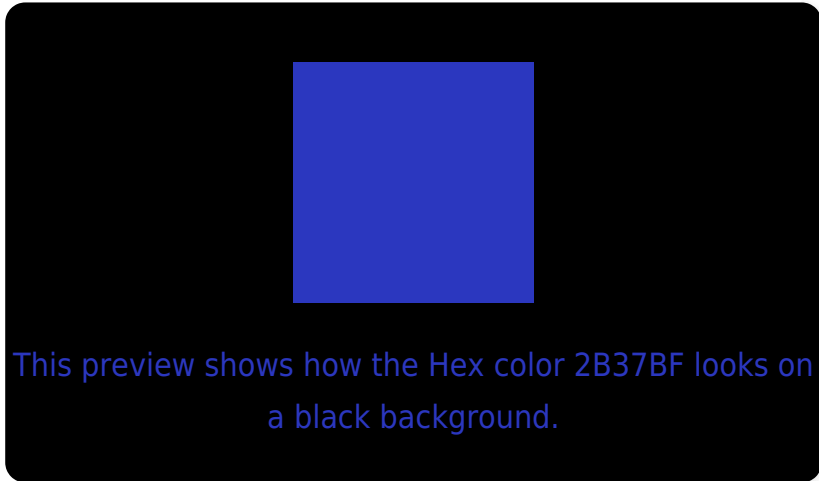
Large Text (above 18pt) WCAG AA ✓ Pass

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

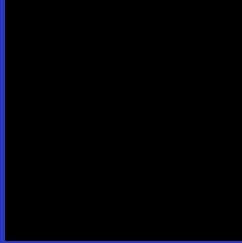
Any Text WCAG AA × Fail

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 2B37BF Background



This preview shows how black text looks on a background with the Hex color 2B37BF.

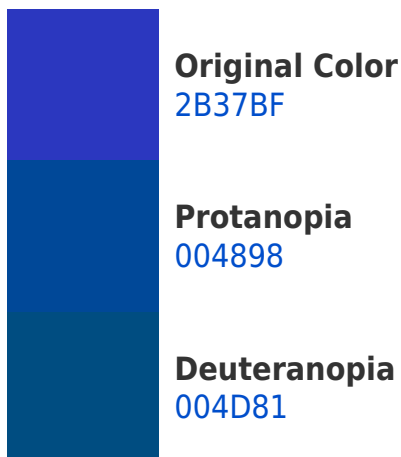


This preview shows how white text looks on a background with the Hex color 2B37BF.

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



Trichromacy



Original Color
2B37BF

Protanomaly
1042A6

Deuteranomaly
104598

Tritanomaly
10497D

Monochromacy



Original Color
2B37BF

Achromatopsia
434343

Achromatomaly
3A3F70

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B37BF 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 #2B37BF looks like.

```
.text, #text, p{  
    color:#2B37BF  
}
```

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 #2B37BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B37BF
}
```

Border

The CSS property to change the border of an element to Hex 2B37BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

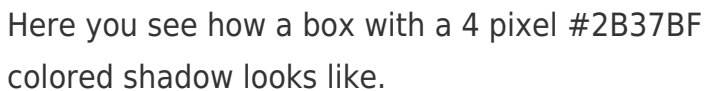
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B37BF }
```

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

```
.border{ border-color:#2B37BF }
```

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



Here you see how a box with a 4 pixel #2B37BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B37BF; -webkit-box-shadow:4px 4px  
4px 4px #2B37BF; box-shadow:4px 4px 4px  
4px #2B37BF }
```

Background

The CSS property to change the background color of an element to Hex 2B37BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B37BF }
```

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

```
.background{ background-color:#2B37BF }
```

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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