

Converting Colors

Hex(2B47B4)

Have a look what the booklet for
Hex(2B47B4) contains.

Hex(2B47B4)	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(2B47B4)

Conversions

Conversions Part 1

Format	Color
Hex	2B47B4
RGB	43, 71, 180
RGB Percent	17%, 28%, 71%
CMY	0.8314, 0.7216, 0.2941
CMYK	0.76, 0.61, 0.00, 0.29
HSL	228°, 61%, 44%
HSV	228°, 76%, 71%
XYZ	11.4877, 8.3154, 44.1796
YIQ	75.0540, -51.6770, 27.9630

Conversions

Conversions Part 2

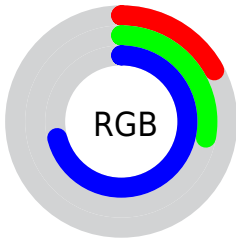
Format	Color
R_{YB}	43, 66, 180
Decimal	2836404
CIE _{Lab}	34.63, 28.97, -60.77
CIE _{LCh}	35, 67.323, 295.491
Yxy	8.3154, 0.1795, 0.1300
Android (android.graphics.Color)	4281026484 (0xFF2B47B4)
YUV	75.0540, 51.7384, -28.1114
Hunter-Lab	28.8364, 20.6465, -70.6515

Details

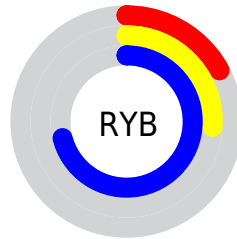
The Hex color **2B47B4** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B4982B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **6D77ED**, and **001D7E** is the 20% darker color. If you saturate the color by 10%, you get **1939B4**, and if you desaturate by 10%, it is **3D55B4**.

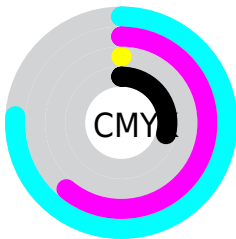
Distribution



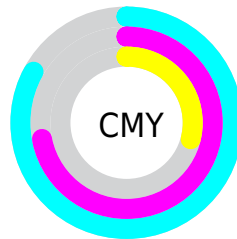
- Red (17%)
- Green (28%)
- Blue (71%)



- Red (17%)
- Yellow (26%)
- Blue (71%)



- Cyan (76%)
- Magenta (61%)
- Yellow (0%)
- Black (29%)



- Cyan (83%)
- Magenta (72%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B47B4 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 2B47B4 by changing the saturation by 10% instead.

■ 2B47B4

■ 2B47B4

FFFFFF

■ 003199

■ 6D77ED

■ 001D7E

■ 8B91FF

■ 000964

■ A8ABFF

■ 00054B

■ C6C6FF

■ 000434

■ E4E2FF

■ 00021E

■ 000000

■ 2B47B4

■ 2B47B4

■ 1939B4

■ 3D55B4

072AB4

4F64B4

0025B4

6172B4

7380B4

858FB4

979DB4

A9ABB4

BBBAB4

CDC8B4

Harmonies

Analogous

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



005BBE



2B47B4



87228F

Triad

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



2B47B4



923200



006647

Complementary

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



2B47B4



B4982B

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.



006306



2B47B4



6B4D00

Square

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



2B47B4



A80028



385C00



00677F

Rectangle

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



2B47B4



A1006E



385C00



006634

Sweetspot

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



2B47B4



B5C0EB



2BB496



545B75



F5F5F5



757575

Same Dimension

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



2B47B4



1541EB



522BB4



505259



001F99



00051A

Inverse Universe

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



B42B47



EB1541



8DB42B



595052



99001F



1A0005

Previews

White Background



This preview shows how the Hex color 2B47B4 looks on a white background.

Color Contrast Check

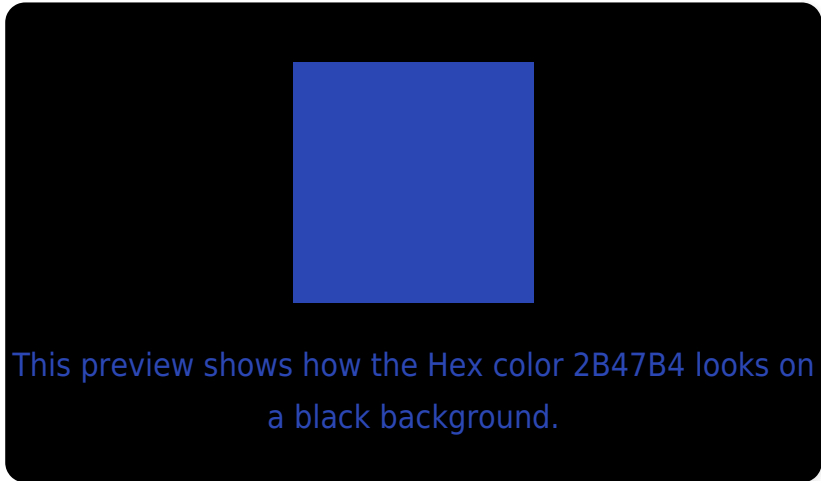
Large Text (above 18pt) WCAG AA ✓ Pass

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

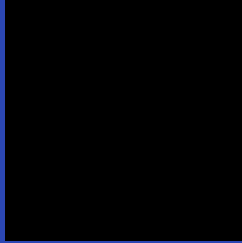
Any Text WCAG AA × Fail

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 2B47B4 Background



This preview shows how black text looks on a background with the Hex color 2B47B4.

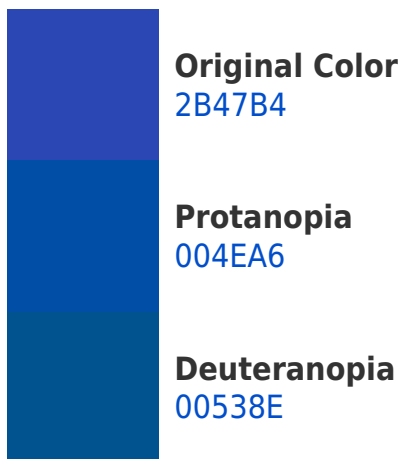



This preview shows how white text looks on a background with the Hex color 2B47B4.

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
005A60

Trichromacy



Original Color
2B47B4

Protanomaly
104BAB

Deuteranomaly
104F9C

Tritanomaly
10537F

Monochromacy



Original Color
2B47B4

Achromatopsia
4B4B4B

Achromatomaly
3F4A71

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B47B4 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 #2B47B4 looks like.

```
.text, #text, p{  
    color:#2B47B4  
}
```

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 #2B47B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B47B4
}
```

Border

The CSS property to change the border of an element to Hex 2B47B4 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
#2B47B4 }
```

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

```
.border{ border-color:#2B47B4 }
```

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

Here you see how a box with a 4 pixel #2B47B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B47B4; -webkit-box-shadow:4px 4px  
4px 4px #2B47B4; box-shadow:4px 4px 4px  
4px #2B47B4 }
```

Background

The CSS property to change the background color of an element to Hex 2B47B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B47B4 }
```

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

```
.background{ background-color:#2B47B4 }
```

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