

Converting Colors

Hex(2F48BB)

Have a look what the booklet for
Hex(2F48BB) contains.

| | |
|--|----|
| Hex(2F48BB) | 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> | 28 |

Color

Hex(2F48BB)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2F48BB |
| RGB | 47, 72, 187 |
| RGB Percent | 18%, 28%, 73% |
| CMY | 0.8157, 0.7176, 0.2667 |
| CMYK | 0.75, 0.61, 0.00, 0.27 |
| HSL | 229°, 60%, 46% |
| HSV | 229°, 75%, 73% |
| XYZ | 12.4593, 8.8269, 48.0608 |
| YIQ | 77.6350, -51.8150, 30.4650 |

Conversions

Conversions Part 2

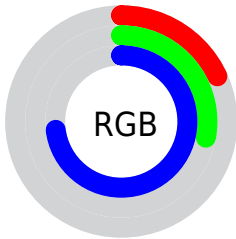
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 47, 68, 187 |
| Decimal | 3098811 |
| CIE Lab | 35.65, 31.37, -63.23 |
| CIE LCh | 36, 70.583, 296.386 |
| Yxy | 8.8269, 0.1797, 0.1273 |
| Android (android.graphics.Color) | 4281288891 (0xFF2F48BB) |
| YUV | 77.6350, 53.9169, -26.8669 |
| Hunter-Lab | 29.7101, 22.8633, -75.1138 |

Details

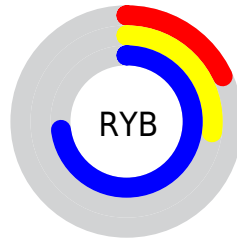
The Hex color **2F48BB** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **BBA22F**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7178F4**, and **001D85** is the 20% darker color. If you saturate the color by 10%, you get **1C39BB**, and if you desaturate by 10%, it is **4257BB**.

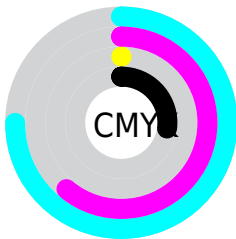
Distribution



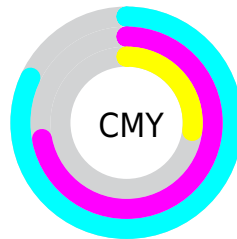
- Red (18%)
- Green (28%)
- Blue (73%)



- Red (18%)
- Yellow (27%)
- Blue (73%)



- Cyan (75%)
- Magenta (61%)
- Yellow (0%)
- Black (27%)



- Cyan (82%)
- Magenta (72%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F48BB 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 2F48BB by changing the saturation by 10% instead.



2F48BB



2F48BB

FFFFFF



00329F



7178F4



001D85



8F92FF



000B6B



ADACFF



000152



CBC8FF



000539



E9E4FF



000223



00000A



000000



2F48BB



2F48BB

■ 1C39BB

■ 4257BB

■ 0A29BB

■ 5467BB

■ 0021BB

■ 6776BB

■ 7A85BB

■ 8D95BB

■ 9FA4BB

■ B2B4BB

■ C5C3BB

■ D7D2BB

Harmonies

Analogous

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



005EC7



2F48BB



8E1E94

Triad

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



2F48BB



963300



006A4B

Complementary

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



2F48BB



BBA22F

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.



006606



2F48BB



6D5000

Square

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



2F48BB



AF0026



365F00



006B85

Rectangle

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



2F48BB



A80070



365F00



006937

Sweetspot

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



2F48BB



BDC6F2



2FBBA1



5B607A



FAFAFA



7A7A7A

Same Dimension

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



2F48BB



183FF2



5B2FBB



55575E



001C9E



00051F

Inverse Universe

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



BB2F48



F2183F



8FBB2F



5E5557



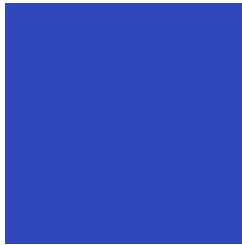
9E001C



1F0005

Previews

White Background



This preview shows how the Hex color 2F48BB looks on a white background.

Color Contrast Check

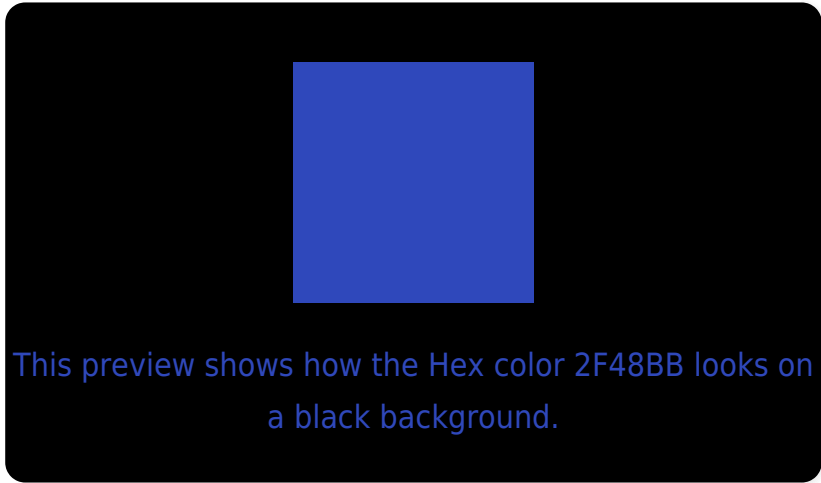
Large Text (above 18pt) WCAG AA ✓ Pass

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

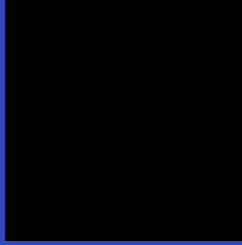
Any Text WCAG AA × Fail

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 2F48BB Background



This preview shows how black text looks on a background with the Hex color 2F48BB.



This preview shows how white text looks on a background with the Hex color 2F48BB.

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



Original Color
2F48BB

Protanopia
0050AA

Deuteranopia
005692

Trichromacy



Original Color
2F48BB

Protanomaly
114DB0

Deuteranomaly
1151A1

Monochromacy



Original Color
2F48BB

Achromatopsia
4E4E4E

Achromatomaly
434C76

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F48BB 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 #2F48BB looks like.

```
.text, #text, p{  
    color:#2F48BB  
}
```

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 #2F48BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F48BB
}
```

Border

The CSS property to change the border of an element to Hex 2F48BB 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
#2F48BB }
```

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

```
.border{ border-color:#2F48BB }
```

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

Here you see how a box with a 4 pixel #2F48BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F48BB; -webkit-box-shadow:4px 4px  
4px 4px #2F48BB; box-shadow:4px 4px 4px  
4px #2F48BB }
```

Background

The CSS property to change the background color of an element to Hex 2F48BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F48BB }
```

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

```
.background{ background-color:#2F48BB }
```

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