

Converting Colors

Hex(2F2C83)

Have a look what the booklet for
Hex(2F2C83) contains.

Hex(2F2C83)	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(2F2C83)

Conversions

Conversions Part 1

Format	Color
Hex	2F2C83
RGB	47, 44, 131
RGB Percent	18%, 17%, 51%
CMY	0.8157, 0.8275, 0.4863
CMYK	0.64, 0.66, 0.00, 0.49
HSL	242°, 50%, 34%
HSV	242°, 66%, 51%
XYZ	6.1697, 4.0444, 21.9282
YIQ	54.8150, -26.1390, 27.6930

Conversions

Conversions Part 2

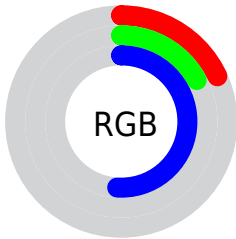
Format	Color
R_{YB}	47, 44, 131
Decimal	3091587
CIE _{Lab}	23.82, 29.32, -48.58
CIE _{LCh}	24, 56.741, 301.111
Yxy	4.0444, 0.1919, 0.1258
Android (android.graphics.Color)	4281281667 (0xFF2F2C83)
YUV	54.8150, 37.5592, -6.8538
Hunter-Lab	20.1107, 19.5679, -50.5709




Details

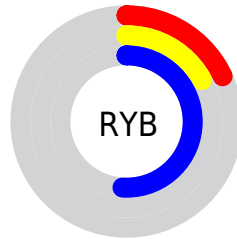
The Hex color **2F2C83** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **80832C**, and the grayscale version is **363636**.




A 20% lighter version of the original color is **675AB9**, and **000051** is the 20% darker color. If you saturate the color by 10%, you get **221F83**, and if you desaturate by 10%, it is **3C3983**.

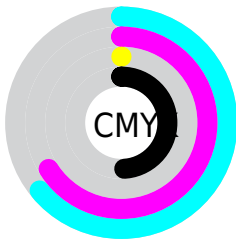
Distribution







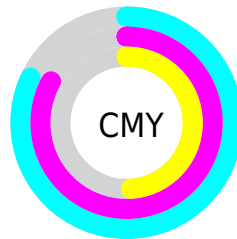
-  Red (18%)
-  Green (17%)
-  Blue (51%)






-  Red (18%)
-  Yellow (17%)
-  Blue (51%)



-  Cyan (64%)
-  Magenta (66%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (82%)
-  Magenta (83%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F2C83 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 2F2C83 by changing the saturation by 10% instead.

■ 2F2C83

■ 2F2C83

FFFFFF

■ 0A1769

■ 675AB9

■ 000051

■ 8373D5

■ 000339

■ 9E8CF2

■ 000222

■ BBA7FF

■ 000008

■ D7C2FF

■ 000000

■ F5DEFF

■ FFFBFF

■ 2F2C83

■ 2F2C83

■ 221F83

■ 3C3983

■ 161283

■ 484683

■ 090583

■ 555383

■ 050083

■ 626083

■ 6E6E83

■ 7B7B83

■ 888883

■ 949583

■ A1A283

Harmonies

Analogous

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



003F90



2F2C83



6A0363

Triad

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



2F2C83



662400



004939

Complementary

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



2F2C83



80832C

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.



004709



2F2C83



453800

Square

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



2F2C83



7B000F



174200



004964

Rectangle

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



2F2C83



7B0047



174200



00482A

Sweetspot

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



2F2C83



8A89AB



2C8083



434257



D6D6D6



575757

Same Dimension

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



2F2C83



2722AB



5A2C83



3C3C42



040082



000003

Inverse Universe

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



832C80



AB22A6



55832C



423C42



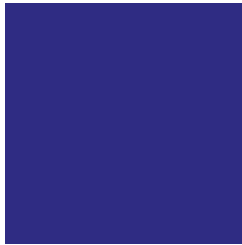
82007E



030002

Previews

White Background



This preview shows how the Hex color 2F2C83 looks on a white background.

Color Contrast Check

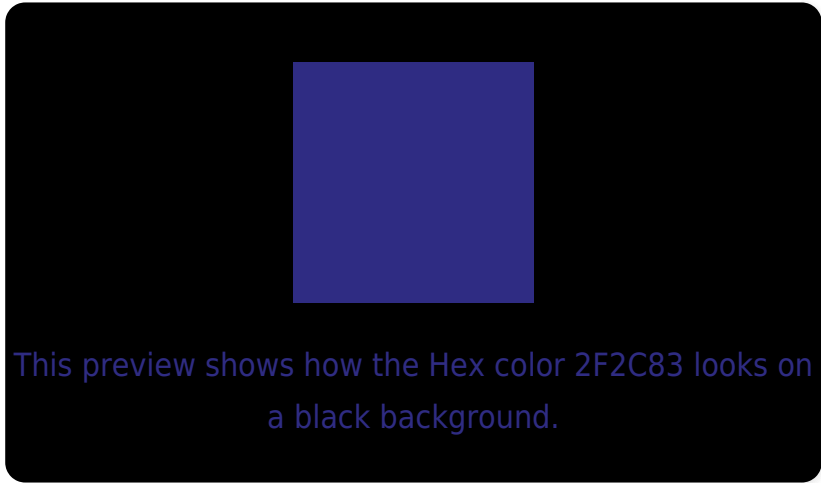
Large Text (above 18pt) WCAG AA ✓ Pass

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

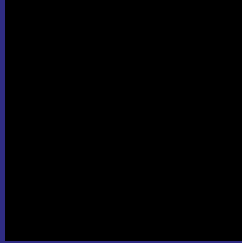
Any Text WCAG AA × Fail

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 2F2C83 Background



This preview shows how black text looks on a background with the Hex color 2F2C83.



This preview shows how white text looks on a background with the Hex color 2F2C83.

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
2F2C83

Protanopia
003774

Deuteranopia
003A64



Tritanopia
003F44

Trichromacy



Original Color
2F2C83

Protanomaly
113379

Deuteranomaly
11356F

Tritanomaly
11385B

Monochromacy



Original Color
2F2C83

Achromatopsia
373737

Achromatomaly
343353

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F2C83 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 #2F2C83 looks like.

```
.text, #text, p{  
    color:#2F2C83  
}
```

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 #2F2C83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2C83
}
```

Border

The CSS property to change the border of an element to Hex 2F2C83 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".

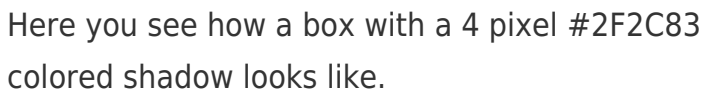
```
.border, #border, table{ border:4px solid
#2F2C83 }
```

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

```
.border{ border-color:#2F2C83 }
```

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

Here you see how a box with a 4 pixel #2F2C83 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border. The shadow is a thick, dark blue horizontal bar at the bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2C83; -webkit-box-shadow:4px 4px  
4px 4px #2F2C83; box-shadow:4px 4px 4px  
4px #2F2C83 }
```

Background

The CSS property to change the background color of an element to Hex 2F2C83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2C83 }
```

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

```
.background{ background-color:#2F2C83 }
```

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