

# Converting Colors

Hex(2F6291)

Have a look what the booklet for  
Hex(2F6291) contains.

<b>Hex(2F6291)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(2F6291)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2F6291
RGB	47, 98, 145
RGB Percent	18%, 38%, 57%
CMY	0.8157, 0.6157, 0.4314
CMYK	0.68, 0.32, 0.00, 0.43
HSL	209°, 51%, 38%
HSV	209°, 68%, 57%
XYZ	10.6508, 11.3840, 28.4240
YIQ	88.1090, -45.4830, 3.8050

# Conversions

## Conversions Part 2

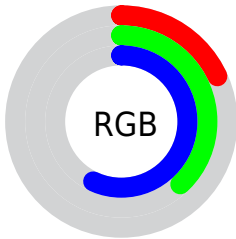
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	47, 81, 145
Decimal	3105425
CIE <sub>Lab</sub>	40.22, -1.27, -30.89
CIE <sub>LCh</sub>	40, 30.917, 267.644
Yxy	11.3840, 0.2111, 0.2256
Android (android.graphics.Color)	4281295505 (0xFF2F6291)
YUV	88.1090, 28.0473, -36.0526
Hunter-Lab	33.7402, -2.6982, -26.3300

# Details

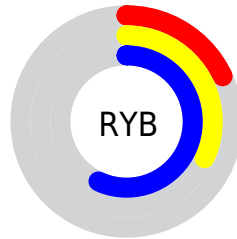
The Hex color **2F6291** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **915E2F**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6894C7**, and **00345E** is the 20% darker color. If you saturate the color by 10%, you get **205B91**, and if you desaturate by 10%, it is **3D6991**.

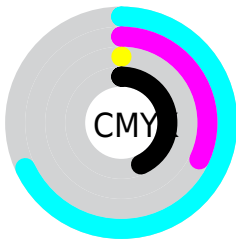
# Distribution



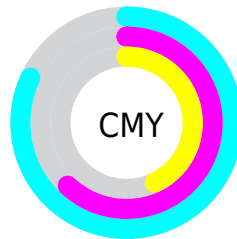
- Red (18%)
- Green (38%)
- Blue (57%)



- Red (18%)
- Yellow (32%)
- Blue (57%)



- Cyan (68%)
- Magenta (32%)
- Yellow (0%)
- Black (43%)



- Cyan (82%)
- Magenta (62%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F6291 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 2F6291 by changing the saturation by 10% instead.



■ 2F6291

■ 2F6291

FFFFFF

■ 074A77

■ 6894C7

■ 00345E

■ 83AFE3

■ 001F46

■ 9FCAFF

■ 000530

■ BBE6FF

■ 00011A

■ D8FFFF

■ 000000

■ F6FFFF

■ 2F6291

■ 2F6291

■ 205B91

■ 3D6991

■ 125491

■ 4C7091

■ 034D91

■ 5B7791

■ 004B91

■ 697E91

■ 778591

■ 868C91

■ 949391

■ A39A91

■ B1A191

# Harmonies

## Analogous

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



006889



2F6291



5E598C

# Triad

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



2F6291



8E4C49



376943

# Complementary

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



2F6291



915E2F

# 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.



566431



2F6291



835435

# Square

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



2F6291



8C4A62



705D2B



006C5C

# Rectangle

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



2F6291



745281



705D2B



43683C



# Sweetspot

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



2F6291



97ABBD



2F915D



48535E



DEDEDE



5E5E5E



# Same Dimension

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



2F6291



2473BD



2F3291



404447



004687



000408



# Inverse Universe

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



912F62



BD2473



918E2F



474044



870046



080004



# Previews

## White Background



This preview shows how the Hex color 2F6291 looks on a white background.

## Color Contrast Check

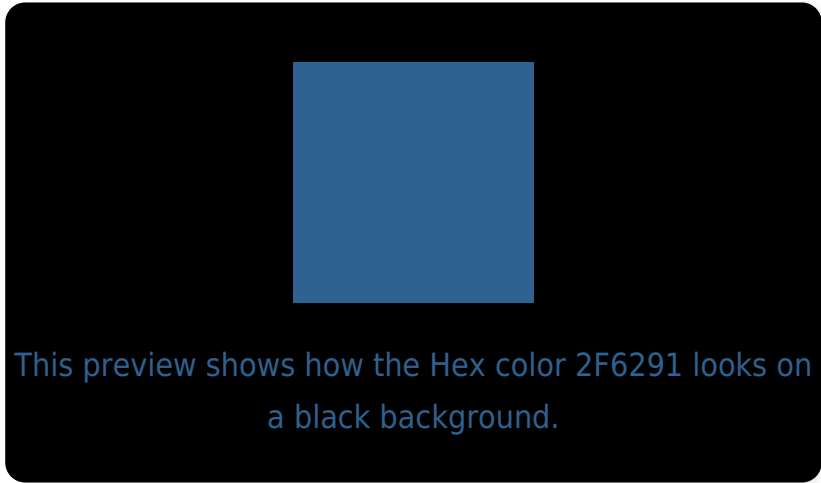
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 2F6291 Background



This preview shows how black text looks on a background with the Hex color 2F6291.




This preview shows how white text looks on a background with the Hex color 2F6291.

# 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](#).

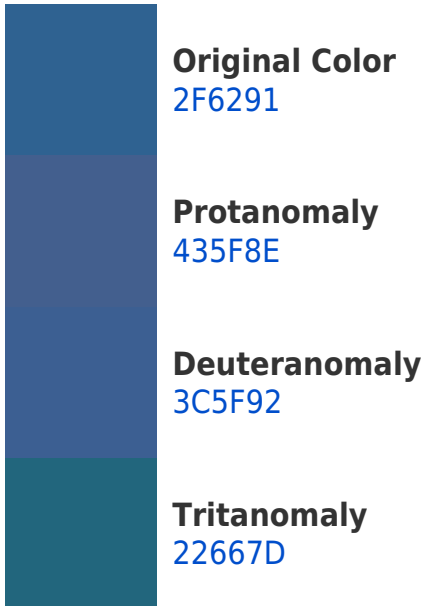
## Dichromacy



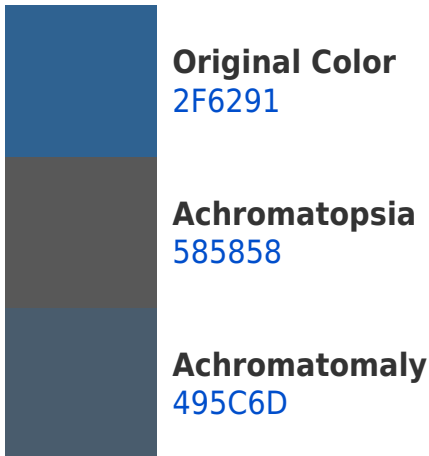


**Tritanopia**  
1A6871

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F6291 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 #2F6291 looks like.

```
.text, #text, p{  
    color:#2F6291  
}
```

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 #2F6291 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F6291
}
```

## Border

The CSS property to change the border of an element to Hex 2F6291 is called "border". The border property can be set on classes, ids or directly on the HTML element.

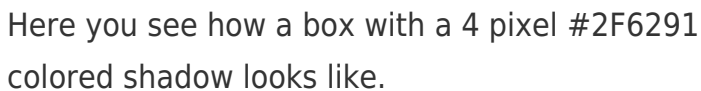
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F6291 }
```

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

```
.border{ border-color:#2F6291 }
```

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



Here you see how a box with a 4 pixel #2F6291 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F6291; -webkit-box-shadow:4px 4px  
4px 4px #2F6291; box-shadow:4px 4px 4px  
4px #2F6291 }
```

# Background

The CSS property to change the background color of an element to Hex 2F6291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F6291 }
```

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

```
.background{ background-color:#2F6291 }
```

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