

# Converting Colors

Hex(294F8F)

Have a look what the booklet for  
Hex(294F8F) contains.

<b>Hex(294F8F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(294F8F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	294F8F
RGB	41, 79, 143
RGB Percent	16%, 31%, 56%
CMY	0.8392, 0.6902, 0.4392
CMYK	0.71, 0.45, 0.00, 0.44
HSL	218°, 55%, 36%
HSV	218°, 71%, 56%
XYZ	8.6684, 8.0466, 27.0829
YIQ	74.9340, -43.1920, 11.8480

# Conversions

## Conversions Part 2

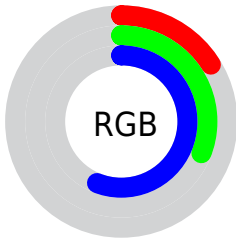
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 69, 143
Decimal	2707343
CIE <sub>Lab</sub>	34.08, 9.20, -39.43
CIE <sub>LCh</sub>	34, 40.494, 283.134
Yxy	8.0466, 0.1979, 0.1837
Android (android.graphics.Color)	4280897423 (0xFF294F8F)
YUV	74.9340, 33.5565, -29.7601
Hunter-Lab	28.3664, 4.9056, -36.7506

# Details

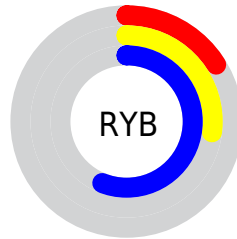
The Hex color **294F8F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8F6929**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **6380C5**, and **00245C** is the 20% darker color. If you saturate the color by 10%, you get **1B468F**, and if you desaturate by 10%, it is **37588F**.

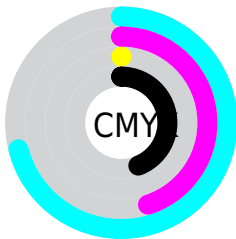
# Distribution



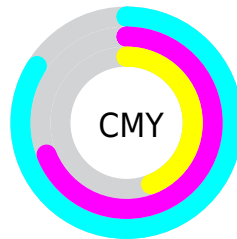
- Red (16%)
- Green (31%)
- Blue (56%)



- Red (16%)
- Yellow (27%)
- Blue (56%)



- Cyan (71%)
- Magenta (45%)
- Yellow (0%)
- Black (44%)



- Cyan (84%)
- Magenta (69%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 294F8F 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 294F8F by changing the saturation by 10% instead.



■ 294F8F

■ 294F8F

FFFFFF

■ 003875

■ 6380C5

■ 00245C

■ 7F9AE1

■ 000E44

■ 9BB4FE

■ 00032D

■ B7D0FF

■ 000118

■ D4ECFF

■ 000000

■ F1FFFF

■ 294F8F

■ 294F8F

■ 1B468F

■ 37588F

■ 0C3D8F

■ 46618F

■ 00358F

■ 546A8F

■ 62738F

■ 717C8F

■ 7F858F

■ 8D8E8F

■ 9B978F

■ AAA08F

# Harmonies

## Analogous

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



00598E



294F8F



64417F

# Triad

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



294F8F



833B25



005E3C

# Complementary

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



294F8F



8F6929

# 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.



2F5A1E



294F8F



6F480D

# Square

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



294F8F



8A3143



535307



005F5E

# Rectangle

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



294F8F



79386E



535307



005D32



# Sweetspot

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



294F8F



93A2BA



298F68



47505E



DEDEDE



5E5E5E



# Same Dimension

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



294F8F



1A56BA



35298F



404347



003287



000308



# Inverse Universe

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



8F294F



BA1A56



838F29



474043



870032



080003



# Previews

## White Background



This preview shows how the Hex color 294F8F looks on a white background.

## Color Contrast Check

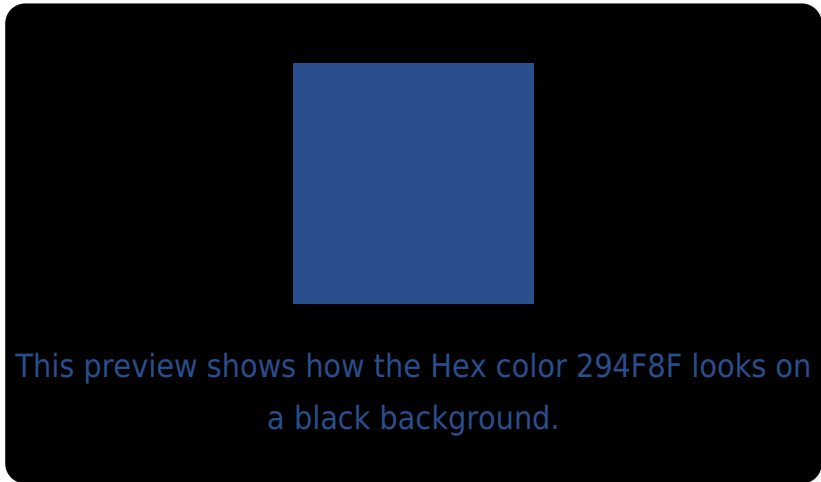
Large Text (above 18pt) WCAG AA ✓ Pass

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 294F8F Background



This preview shows how black text looks on a background with the Hex color 294F8F.



This preview shows how white text looks on a background with the Hex color 294F8F.

# Color Blindness Simulation

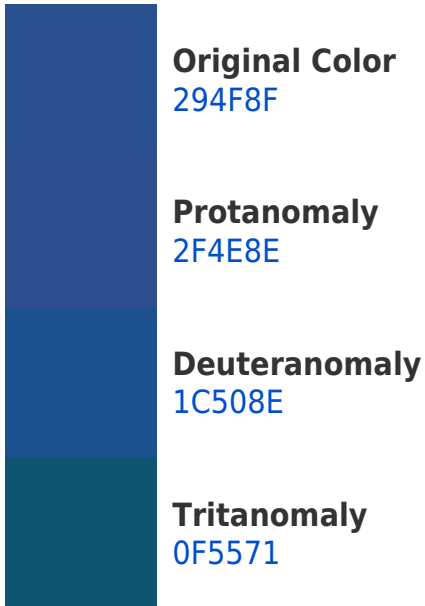
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

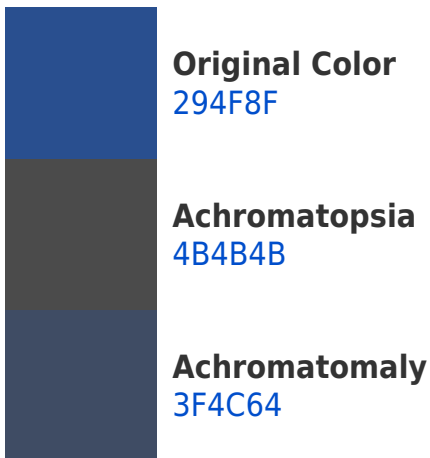




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 294F8F 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 #294F8F looks like.

```
.text, #text, p{  
    color:#294F8F  
}
```

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 #294F8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #294F8F
}
```

## Border

The CSS property to change the border of an element to Hex 294F8F 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
#294F8F }
```

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

```
.border{ border-color:#294F8F }
```

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

Here you see how a box with a 4 pixel #294F8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #294F8F; -webkit-box-shadow:4px 4px  
4px 4px #294F8F; box-shadow:4px 4px 4px  
4px #294F8F }
```

# Background

The CSS property to change the background color of an element to Hex 294F8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#294F8F }
```

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

```
.background{ background-color:#294F8F }
```

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