

# Converting Colors

Hex(264F8C)

Have a look what the booklet for  
Hex(264F8C) contains.

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# Color

Hex(264F8C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	264F8C
RGB	38, 79, 140
RGB Percent	15%, 31%, 55%
CMY	0.8510, 0.6902, 0.4510
CMYK	0.73, 0.44, 0.00, 0.45
HSL	216°, 57%, 35%
HSV	216°, 73%, 55%
XYZ	8.3289, 7.8975, 25.8963
YIQ	73.6950, -44.0170, 10.2790

# Conversions

## Conversions Part 2

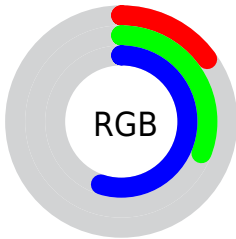
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 67, 140
Decimal	2510732
CIE <sub>Lab</sub>	33.77, 7.57, -38.11
CIE <sub>LCh</sub>	34, 38.851, 281.230
Yxy	7.8975, 0.1977, 0.1875
Android (android.graphics.Color)	4280700812 (0xFF264F8C)
YUV	73.6950, 32.6884, -31.3045
Hunter-Lab	28.1025, 3.7241, -34.9638

# Details

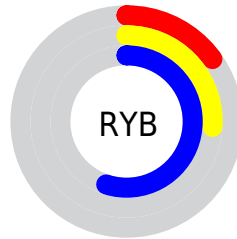
The Hex color **264F8C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8C6326**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **6080C2**, and **002459** is the 20% darker color. If you saturate the color by 10%, you get **18478C**, and if you desaturate by 10%, it is **34578C**.

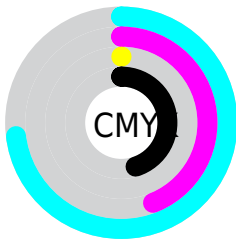
# Distribution



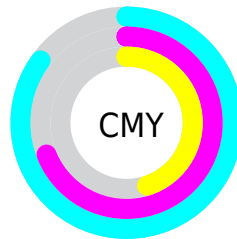
- Red (15%)
- Green (31%)
- Blue (55%)



- Red (15%)
- Yellow (26%)
- Blue (55%)



- Cyan (73%)
- Magenta (44%)
- Yellow (0%)
- Black (45%)



- Cyan (85%)
- Magenta (69%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 264F8C 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 264F8C by changing the saturation by 10% instead.



■ 264F8C

■ 264F8C

FFFFFF

■ 003872

■ 6080C2

■ 002459

■ 7C9ADE

■ 000E41

■ 98B4FB

■ 00032B

■ B4D0FF

■ 000115

■ D1ECFF

■ 000000

■ EEEFFF

■ 264F8C

■ 264F8C

■ 18478C

■ 34578C

■ 0A3E8C

■ 42608C

■ 00388C

■ 50688C

■ 5E708C

■ 6C798C

■ 7A818C

■ 888A8C

■ 96928C

■ A49A8C

# Harmonies

## Analogous

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



00588A



264F8C



60427E

# Triad

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



264F8C



813A28



005D3A

# Complementary

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



264F8C



8C6326

# 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.



32591E



264F8C



6F4711

# Square

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



264F8C



873245



54520B



005E5A

# Rectangle

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



264F8C



76396E



54520B



0A5C30



# Sweetspot

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



264F8C



8D9DB5



268C62



444E5C



DBDBDB



5C5C5C



# Same Dimension

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



264F8C



1857B5



2F268C



3E4145



003585



000205



# Inverse Universe

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



8C264F



B51857



848C26



453E41



850035



050002



# Previews

## White Background



This preview shows how the Hex color 264F8C looks on a white background.

## Color Contrast Check

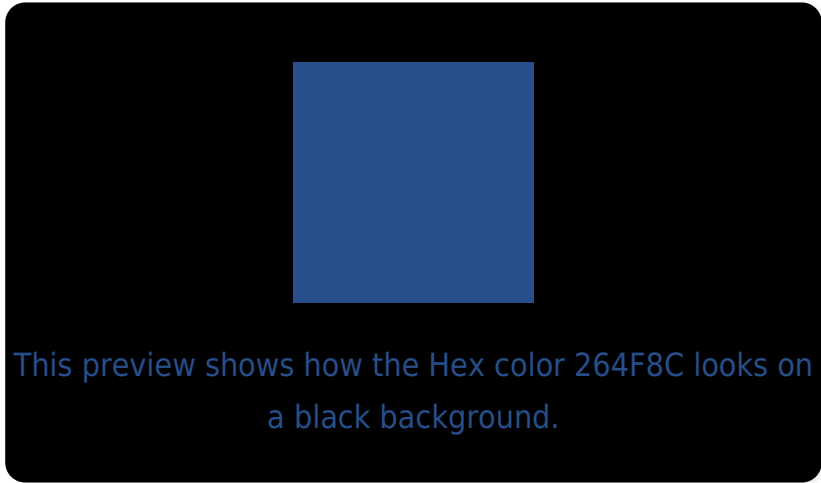
Large Text (above 18pt) WCAG AA ✓ Pass

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 264F8C Background



This preview shows how black text looks on a background with the Hex color 264F8C.



This preview shows how white text looks on a background with the Hex color 264F8C.

# 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**  
264F8C

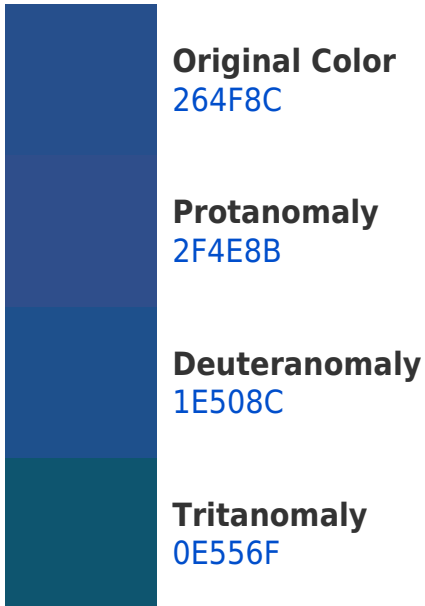
**Protanopia**  
344D8A

**Deuteranopia**  
1A508C



**Tritanopia**  
00585F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 264F8C 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 #264F8C looks like.

```
.text, #text, p{  
  color:#264F8C  
}
```

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 #264F8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #264F8C
}
```

## Border

The CSS property to change the border of an element to Hex 264F8C 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".

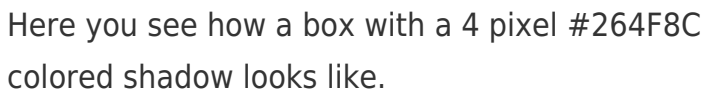
```
.border, #border, table{ border:4px solid
#264F8C }
```

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

```
.border{ border-color:#264F8C }
```

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

Here you see how a box with a 4 pixel #264F8C colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #264F8C; -webkit-box-shadow:4px 4px  
4px 4px #264F8C; box-shadow:4px 4px 4px  
4px #264F8C }
```

# Background

The CSS property to change the background color of an element to Hex 264F8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#264F8C }
```

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

```
.background{ background-color:#264F8C }
```

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](#).



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