

# Converting Colors

Hex(364F8B)

Have a look what the booklet for  
Hex(364F8B) contains.

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# Color

**Hex(364F8B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	364F8B
RGB	54, 79, 139
RGB Percent	21%, 31%, 55%
CMY	0.7882, 0.6902, 0.4549
CMYK	0.61, 0.43, 0.00, 0.45
HSL	222°, 44%, 38%
HSV	222°, 61%, 55%
XYZ	8.9775, 8.2403, 25.5435
YIQ	78.3650, -34.1600, 13.3600

# Conversions

## Conversions Part 2

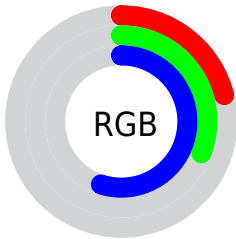
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 73, 139
Decimal	3559307
CIELab	34.48, 10.13, -36.32
CIELCh	34, 37.703, 285.581
Yxy	8.2403, 0.2099, 0.1927
Android (android.graphics.Color)	4281749387 (0xFF364F8B)
YUV	78.3650, 29.8931, -21.3681
Hunter-Lab	28.7059, 5.5887, -32.6640

# Details

The Hex color **364F8B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8B7236**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6C80C1**, and **002358** is the 20% darker color. If you saturate the color by 10%, you get **28458B**, and if you desaturate by 10%, it is **44598B**.

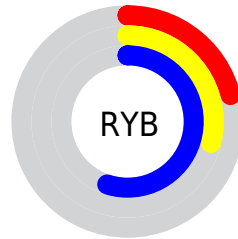
# Distribution



Red (21%)

Green (31%)

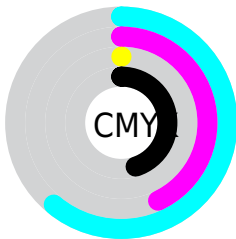
Blue (55%)



Red (21%)

Yellow (29%)

Blue (55%)

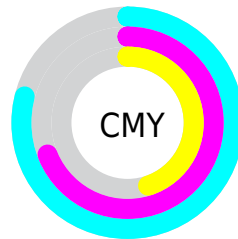


Cyan (61%)

Magenta (43%)

Yellow (0%)

Black (45%)



Cyan (79%)

Magenta (69%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 364F8B 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 364F8B by changing the saturation by 10% instead.



■ 364F8B

■ 364F8B

FFFFFF

■ 173871

■ 6C80C1

■ 002358

■ 879ADD

■ 000E41

■ A3B4FA

■ 00032A

■ BFD0FF

■ 000114

■ DCECFF

■ 000000

■ F9FFFF

■ 364F8B

■ 364F8B

■ 28458B

■ 44598B

■ 1A3B8B

■ 52638B

■ 0C328B

■ 606C8B

■ 00298B

■ 6E768B

■ 7B808B

■ 898A8B

■ 97948B

■ A59D8B

■ B3A78B

# Harmonies

## Analogous

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



00598B



364F8B



67427B

# Triad

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



364F8B



803E27



005F41

# Complementary

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



364F8B



8B7236

# 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.



2F5B25



364F8B



6D4A13

# Square

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



364F8B



883643



525411



006060

# Rectangle

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



364F8B



7A3A6A



525411



015E37



# Sweetspot

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



364F8B



949EB5



368B72



484E5C



DBDBDB



5C5C5C



# Same Dimension

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



364F8B



3158B5



47368B



3E4045



002785



000105



# Inverse Universe

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



8B364F



B53158



7A8B36



453E40



850027

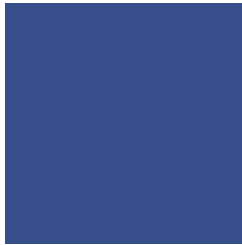


050001



# Previews

## White Background



This preview shows how the Hex color 364F8B looks on a white background.

## Color Contrast Check

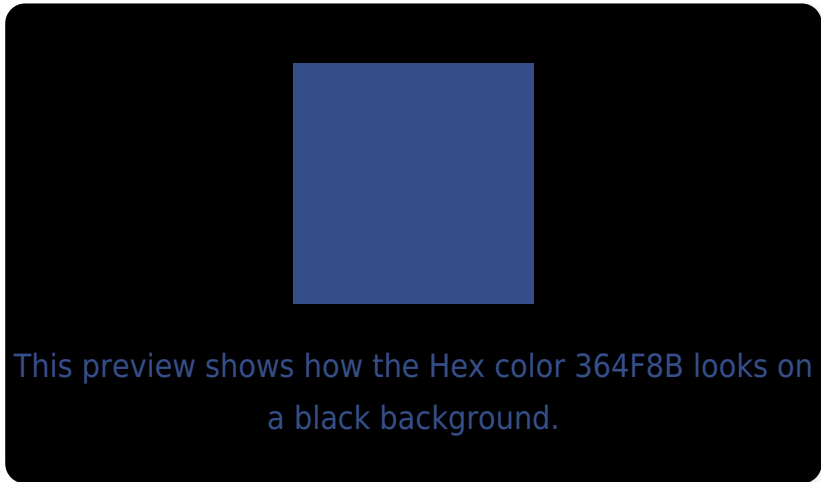
Large Text (above 18pt) WCAG AA ✓ Pass

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 364F8B Background



This preview shows how black text looks on a background with the Hex color 364F8B.



This preview shows how white text looks on a background with the Hex color 364F8B.

# 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**


364F8B

**Protanopia**

374F8B

**Deuteranopia**

26528A



**Tritanopia**  
215960

# Trichromacy



**Original Color**  
364F8B

**Protanomaly**  
374F8B

**Deuteranomaly**  
2C518A

**Tritanomaly**  
295570

# Monochromacy



**Original Color**  
364F8B

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
454E64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 364F8B 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 #364F8B looks like.

```
.text, #text, p{  
    color:#364F8B  
}
```

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 #364F8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #364F8B
}
```

## Border

The CSS property to change the border of an element to Hex 364F8B is called "border". The border property can be set on classes, ids or directly on the HTML element.

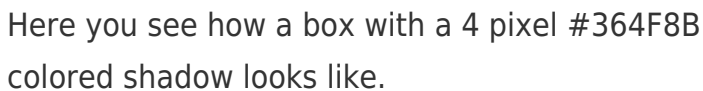
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#364F8B }
```

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

```
.border{ border-color:#364F8B }
```

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



Here you see how a box with a 4 pixel #364F8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #364F8B; -webkit-box-shadow:4px 4px  
4px 4px #364F8B; box-shadow:4px 4px 4px  
4px #364F8B }
```

# Background

The CSS property to change the background color of an element to Hex 364F8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#364F8B }
```

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

```
.background{ background-color:#364F8B }
```

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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