

Converting Colors

Hex(333F8B)

Have a look what the booklet for
Hex(333F8B) contains.

Hex(333F8B)	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(333F8B)

Conversions

Conversions Part 1

Format	Color
Hex	333F8B
RGB	51, 63, 139
RGB Percent	20%, 25%, 55%
CMY	0.8000, 0.7529, 0.4549
CMYK	0.63, 0.55, 0.00, 0.45
HSL	232°, 46%, 37%
HSV	232°, 63%, 55%
XYZ	7.8029, 6.1229, 25.1967
YIQ	68.0760, -31.5480, 21.0920

Conversions

Conversions Part 2

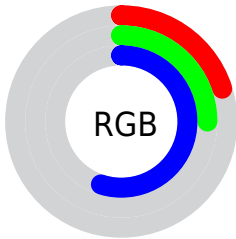
Format	Color
R_{YB}	51, 62, 139
Decimal	3358603
CIE _{Lab}	29.72, 20.24, -43.96
CIE _{LCh}	30, 48.395, 294.720
Yxy	6.1229, 0.1994, 0.1565
Android (android.graphics.Color)	4281548683 (0xFF333F8B)
YUV	68.0760, 34.9655, -14.9757
Hunter-Lab	24.7445, 12.9855, -43.0523

Details

The Hex color **333F8B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8B7F33**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6A6EC1**, and **001558** is the 20% darker color. If you saturate the color by 10%, you get **25338B**, and if you desaturate by 10%, it is **414B8B**.

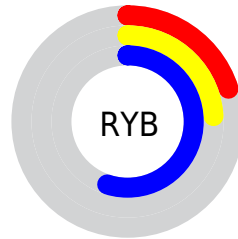
Distribution



 Red (20%)

 Green (25%)

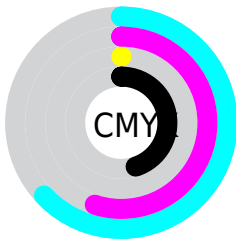
 Blue (55%)





 Red (20%)

 Yellow (24%)

 Blue (55%)

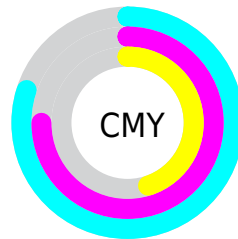



 Cyan (63%)

 Magenta (55%)

 Yellow (0%)

 Black (45%)



 Cyan (80%)

 Magenta (75%)

 Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333F8B 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 333F8B by changing the saturation by 10% instead.

■ 333F8B

■ 333F8B

FFFFFF

■ 112971

■ 6A6EC1

■ 001558

■ 8688DD

■ 000040

■ A2A2FA

■ 000329

■ BEBDFE

■ 000113

■ DBD9FF

■ 000000

■ F8F5FF

■ 333F8B

■ 333F8B

■ 25338B

■ 414B8B

■ 17278B

■ 4F578B

■ 091B8B

■ 5D638B

■ 00138B

■ 6B6F8B

■ 797B8B

■ 86878B

■ 94938B

■ A29F8B

■ B0AB8B

Harmonies

Analogous

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



004D92



333F8B



6C2B72

Triad

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



333F8B



763103



00563E

Complementary

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



333F8B



8B7F33

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.



005316



333F8B



5C4200

Square

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



333F8B



861E29



384D00



005665

Rectangle

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



333F8B



7F1D5B



384D00



005531

Sweetspot

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



333F8B



9397B5



338B7E



474A5C



DBDBDB



5C5C5C

Same Dimension

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



333F8B



2B3EB5



52338B



3E3F45



001285



000105

Inverse Universe

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



8B333F



B52B3E



6C8B33



453E3F



850012



050001

Previews

White Background



This preview shows how the Hex color 333F8B looks on a white background.

Color Contrast Check

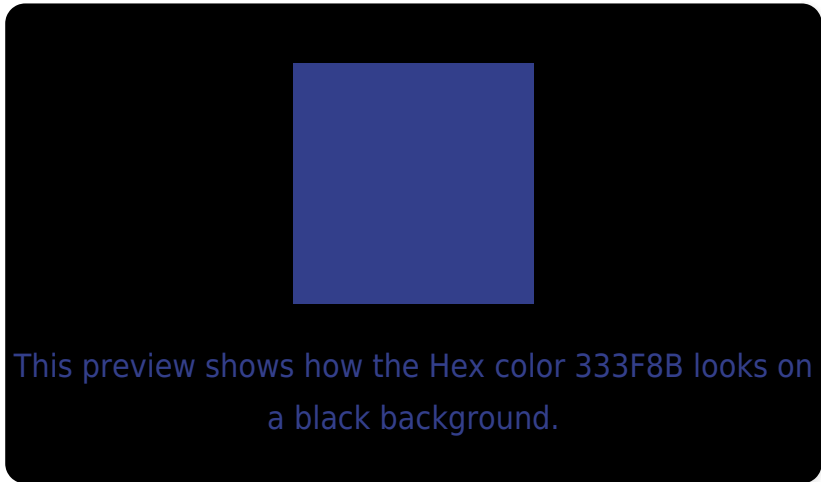
Large Text (above 18pt) WCAG AA ✓ Pass

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

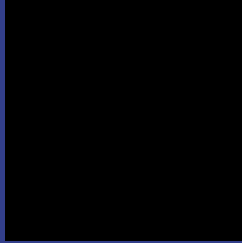
Any Text WCAG AA × Fail

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 333F8B Background



This preview shows how black text looks on a background with the Hex color 333F8B.

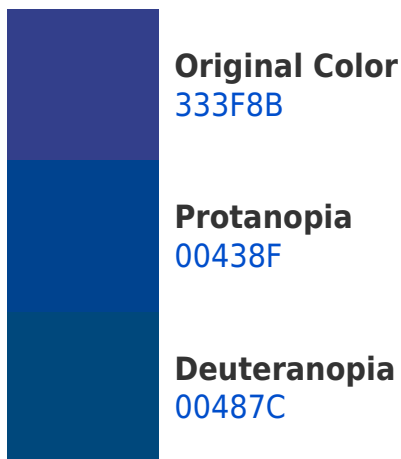


This preview shows how white text looks on a background with the Hex color 333F8B.

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
124D53

Trichromacy



Original Color
333F8B

Protanomaly
13428E

Deuteranomaly
134581

Tritanomaly
1E4867

Monochromacy



Original Color
333F8B

Achromatopsia
444444

Achromatomaly
3E425E

CSS Examples

Text

The CSS property to change the color of the text to Hex 333F8B 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 #333F8B looks like.

```
.text, #text, p{  
    color:#333F8B  
}
```

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 #333F8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333F8B
}
```

Border

The CSS property to change the border of an element to Hex 333F8B 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
#333F8B }
```

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

```
.border{ border-color:#333F8B }
```

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

Here you see how a box with a 4 pixel #333F8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333F8B; -webkit-box-shadow:4px 4px  
4px 4px #333F8B; box-shadow:4px 4px 4px  
4px #333F8B }
```

Background

The CSS property to change the background color of an element to Hex 333F8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333F8B }
```

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

```
.background{ background-color:#333F8B }
```

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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