

Converting Colors

Hex(1F3F8B)

Have a look what the booklet for
Hex(1F3F8B) contains.

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Color

Hex(1F3F8B)

Conversions

Conversions Part 1

Format	Color
Hex	1F3F8B
RGB	31, 63, 139
RGB Percent	12%, 25%, 55%
CMY	0.8784, 0.7529, 0.4549
CMYK	0.78, 0.55, 0.00, 0.45
HSL	222°, 64%, 33%
HSV	222°, 78%, 55%
XYZ	7.0028, 5.7104, 25.1592
YIQ	62.0960, -43.4680, 16.8520

Conversions

Conversions Part 2

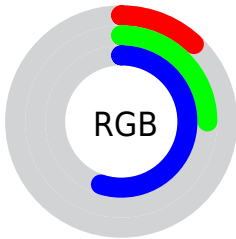
Format	Color
R_{YB}	31, 56, 139
Decimal	2047883
CIE _{Lab}	28.67, 17.07, -45.71
CIE _{LCh}	29, 48.794, 290.476
Yxy	5.7104, 0.1849, 0.1508
Android (android.graphics.Color)	4280237963 (0xFF1F3F8B)
YUV	62.0960, 37.9137, -27.2712
Hunter-Lab	23.8964, 10.4901, -45.6956

Details

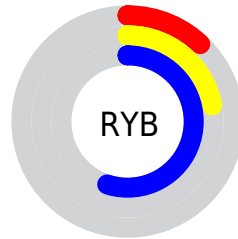
The Hex color **1F3F8B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8B6B1F**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **5C6EC1**, and **001658** is the 20% darker color. If you saturate the color by 10%, you get **11358B**, and if you desaturate by 10%, it is **2D498B**.

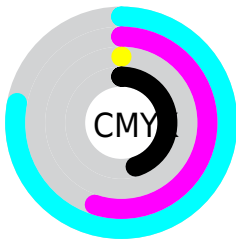
Distribution



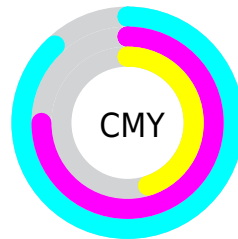
- Red (12%)
- Green (25%)
- Blue (55%)



- Red (12%)
- Yellow (22%)
- Blue (55%)



- Cyan (78%)
- Magenta (55%)
- Yellow (0%)
- Black (45%)



- Cyan (88%)
- Magenta (75%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F3F8B 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 1F3F8B by changing the saturation by 10% instead.

■ 1F3F8B

■ 1F3F8B

FFFFFF

■ 002A71

■ 5C6EC1

■ 001658

■ 7887DD

■ 000040

■ 94A1FA

■ 000329

■ B1BCFF

■ 000113

■ CED8FF

■ 000000

■ EBF4FF

■ 1F3F8B

■ 1F3F8B

■ 11358B

■ 2D498B

■ 032B8B

■ 3B538B

■ 00298B

■ 495C8B

■ 57668B

■ 64708B

■ 727A8B

■ 80838B

■ 8E8D8B

■ 9C978B

Harmonies

Analogous

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



004C8F



1F3F8B



642B74

Triad

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



1F3F8B



772C06



005336

Complementary

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



1F3F8B



8B6B1F

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.



00500D



1F3F8B



5E3E00

Square

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



1F3F8B



84172C



3B4900



00545D

Rectangle

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



1F3F8B



791C5E



3B4900



005229

Sweetspot

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



1F3F8B



8B98B5



1F8B6B



424A5C



DBDBDB



5C5C5C

Same Dimension

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



1F3F8B



0D3FB5



351F8B



3E4045



002785



000205

Inverse Universe

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



8B1F3F



B50D3F



758B1F



453E40



850027



050002

Previews

White Background



This preview shows how the Hex color 1F3F8B looks on a white background.

Color Contrast Check

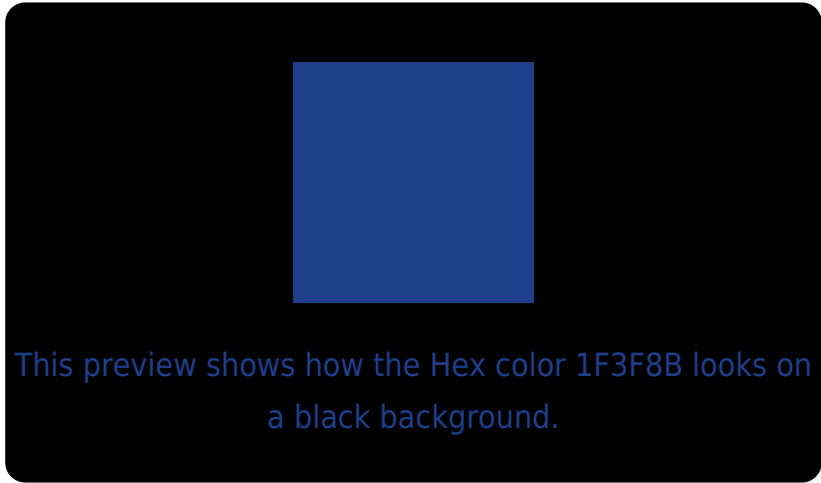
Large Text (above 18pt) WCAG AA ✓ Pass

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

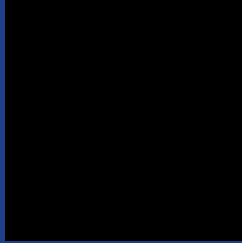
Any Text WCAG AA × Fail

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 1F3F8B Background



This preview shows how black text looks on a background with the Hex color 1F3F8B.



This preview shows how white text looks on a background with the Hex color 1F3F8B.

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
1F3F8B

Protanopia
00418A

Deuteranopia
004577



Tritanopia
004B50

Trichromacy



Original Color
1F3F8B

Protanomaly
0B408A

Deuteranomaly
0B437E

Tritanomaly
0B4765

Monochromacy



Original Color
1F3F8B

Achromatopsia
3E3E3E

Achromatomaly
333E5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F3F8B 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 #1F3F8B looks like.

```
.text, #text, p{  
    color:#1F3F8B  
}
```

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 #1F3F8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F3F8B
}
```

Border

The CSS property to change the border of an element to Hex 1F3F8B 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
#1F3F8B }
```

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

```
.border{ border-color:#1F3F8B }
```

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

Here you see how a box with a 4 pixel #1F3F8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F3F8B; -webkit-box-shadow:4px 4px  
4px 4px #1F3F8B; box-shadow:4px 4px 4px  
4px #1F3F8B }
```

Background

The CSS property to change the background color of an element to Hex 1F3F8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F3F8B }
```

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

```
.background{ background-color:#1F3F8B }
```

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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