

Converting Colors

Hex(1F1F8B)

Have a look what the booklet for
Hex(1F1F8B) contains.

Hex(1F1F8B)	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>	28

Color

Hex(1F1F8B)

Conversions

Conversions Part 1

Format	Color
Hex	1F1F8B
RGB	31, 31, 139
RGB Percent	12%, 12%, 55%
CMY	0.8784, 0.8784, 0.4549
CMYK	0.78, 0.78, 0.00, 0.45
HSL	240°, 64%, 33%
HSV	240°, 78%, 55%
XYZ	5.7153, 3.1354, 24.7301
YIQ	43.3120, -34.6680, 33.5880

Conversions

Conversions Part 2

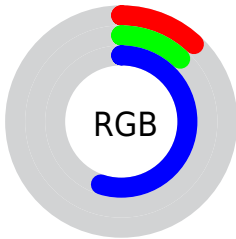
Format	Color
R_{YB}	31, 31, 139
Decimal	2039691
CIE Lab	20.58, 38.22, -58.96
CIE LCh	21, 70.265, 302.954
Yxy	3.1354, 0.1702, 0.0934
Android (android.graphics.Color)	4280229771 (0xFF1F1F8B)
YUV	43.3120, 47.1742, -10.7976
Hunter-Lab	17.7069, 26.6272, -70.4113

Details

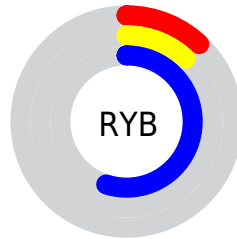
The Hex color **1F1F8B** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8B8B1F**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5F4DC2**, and **000058** is the 20% darker color. If you saturate the color by 10%, you get **11118B**, and if you desaturate by 10%, it is **2D2D8B**.

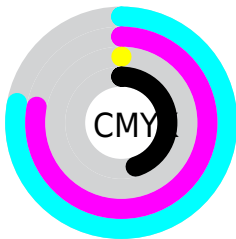
Distribution



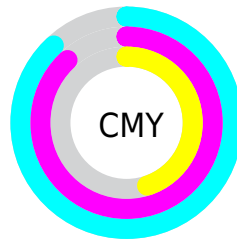
- Red (12%)
- Green (12%)
- Blue (55%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 1F1F8B 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 1F1F8B by changing the saturation by 10% instead.

■ 1F1F8B

■ 1F1F8B

FFFFFF

■ 000971

■ 5F4DC2

■ 000058

■ 7C65DE

■ 00063F

■ 987FFB

■ 000328

■ B599FF

■ 000112

■ D3B4FF

■ 000000

■ F0D0FF

■ FFECFF

■ 1F1F8B

■ 1F1F8B

■ 11118B

■ 2D2D8B

■ 03038B

■ 3B3B8B

■ 00008B

■ 49498B

■ 57578B

■ 64648B

■ 72728B

■ 80808B

■ 8E8E8B

■ 9C9C8B

Harmonies

Analogous

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



00399D



1F1F8B



6E0062

Triad

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



1F1F8B



611700



004336

Complementary

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



1F1F8B



8B8B1F

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.



004100



1F1F8B



3A3200

Square

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



1F1F8B



7C0000



003D00



00446A

Rectangle

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



1F1F8B



800040



003D00



004223

Sweetspot

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



1F1F8B



8B8BB5



1F8B8B



42425C



DBDBDB



5C5C5C

Same Dimension

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



1F1F8B



0D0DB5



551F8B



3E3E45



000085



000005

Inverse Universe

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



8B1F8B



B50DB5



558B1F



453E45



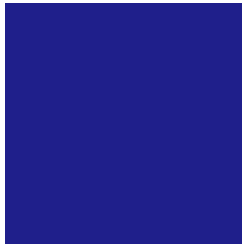
850085



050005

Previews

White Background



This preview shows how the Hex color 1F1F8B looks on a white background.

Color Contrast Check

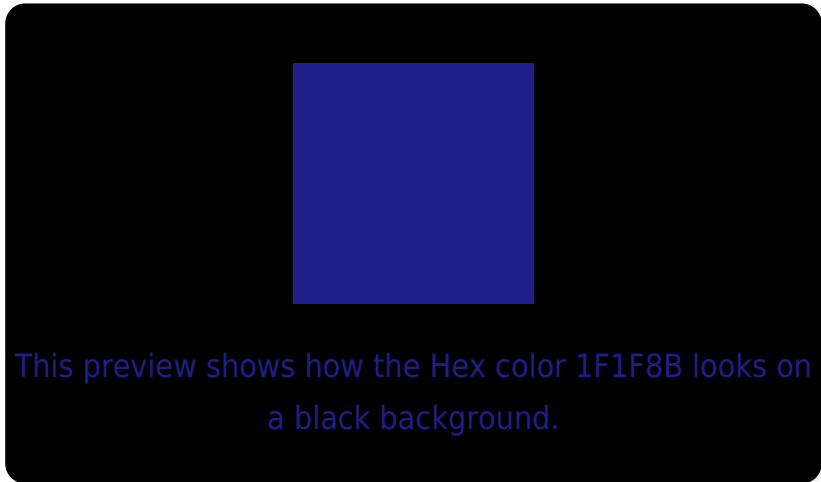
Large Text (above 18pt) WCAG AA ✓ Pass

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

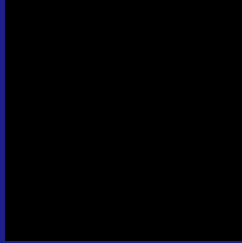
Any Text WCAG AA × Fail

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 1F1F8B Background



This preview shows how black text looks on a background with the Hex color 1F1F8B.



This preview shows how white text looks on a background with the Hex color 1F1F8B.

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
1F1F8B

Deuteranopia
003457

Tritanopia
00383B

Trichromacy



Original Color
1F1F8B

Deuteranomaly
0B2C6A

Tritanomaly
0B2F58

Monochromacy



Original Color
1F1F8B

Achromatopsia
2B2B2B

Achromatomaly
27274E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F1F8B 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 #1F1F8B looks like.

```
.text, #text, p{  
    color:#1F1F8B  
}
```

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 #1F1F8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F1F8B
}
```

Border

The CSS property to change the border of an element to Hex 1F1F8B 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".

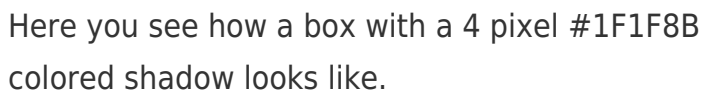
```
.border, #border, table{ border:4px solid
#1F1F8B }
```

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

```
.border{ border-color:#1F1F8B }
```

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

Here you see how a box with a 4 pixel #1F1F8B colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border. The shadow is a thick, dark blue horizontal bar at the bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F1F8B; -webkit-box-shadow:4px 4px  
4px 4px #1F1F8B; box-shadow:4px 4px 4px  
4px #1F1F8B }
```

Background

The CSS property to change the background color of an element to Hex 1F1F8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F1F8B }
```

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

```
.background{ background-color:#1F1F8B }
```

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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