

Converting Colors

Hex(1F3FB9)

Have a look what the booklet for
Hex(1F3FB9) contains.

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Color

Hex(1F3FB9)

Conversions

Conversions Part 1

Format	Color
Hex	1F3FB9
RGB	31, 63, 185
RGB Percent	12%, 25%, 73%
CMY	0.8784, 0.7529, 0.2745
CMYK	0.83, 0.66, 0.00, 0.27
HSL	228°, 71%, 42%
HSV	228°, 83%, 73%
XYZ	11.0995, 7.3491, 46.7324
YIQ	67.3400, -58.2340, 31.1580

Conversions

Conversions Part 2

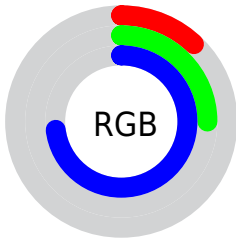
Format	Color
R_{YB}	31, 57, 185
Decimal	2047929
CIE _{Lab}	32.59, 34.96, -67.09
CIE _{LCh}	33, 75.652, 297.524
Yxy	7.3491, 0.1703, 0.1127
Android (android.graphics.Color)	4280238009 (0xFF1F3FB9)
YUV	67.3400, 58.0064, -31.8702
Hunter-Lab	27.1092, 25.6435, -83.2311

Details

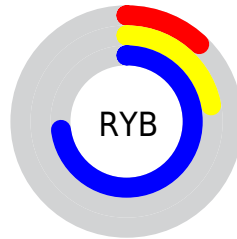
The Hex color **1F3FB9** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B9991F**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **696FF2**, and **001683** is the 20% darker color. If you saturate the color by 10%, you get **0C30B9**, and if you desaturate by 10%, it is **324EB9**.

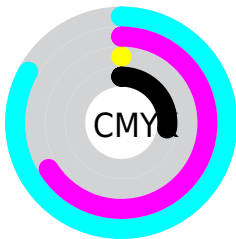
Distribution



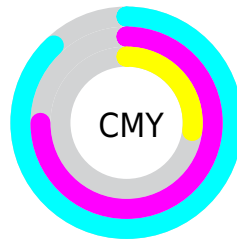
- Red (12%)
- Green (25%)
- Blue (73%)



- Red (12%)
- Yellow (22%)
- Blue (73%)



- Cyan (83%)
- Magenta (66%)
- Yellow (0%)
- Black (27%)



- Cyan (88%)
- Magenta (75%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F3FB9 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 1F3FB9 by changing the saturation by 10% instead.



1F3FB9



1F3FB9

FFFFFF



00299D



696FF2



001683



8788FF



000069



A5A2FF



00084F



C4BDFF



000538



E2D9FF



000221



FFF6FF



000006



000000



1F3FB9



1F3FB9

■ 0C30B9

■ 324EB9

■ 0026B9

■ 445CB9

■ 566BB9

■ 697AB9

■ 7C88B9

■ 8E97B9

■ A1A6B9

■ B3B4B9

■ C5C3B9

Harmonies

Analogous

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



0057C7



1F3FB9



8B008E

Triad

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



1F3FB9



8E2A00



006246

Complementary

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



1F3FB9



B9991F

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.



005F00



1F3FB9



634900

Square

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



1F3FB9



AA001B



245800



006383

Rectangle

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



1F3FB9



A60068



245800



006231

Sweetspot

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



1F3FB9



B4C0F0



1FB998



545B78



F7F7F7



787878

Same Dimension

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



1F3FB9



0032F0



4B1FB9



53555C



00209C



00061C

Inverse Universe

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



B91F3F



F00032



8DB91F



5C5355



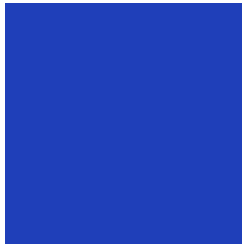
9C0020



1C0006

Previews

White Background



This preview shows how the Hex color 1F3FB9 looks on a white background.

Color Contrast Check

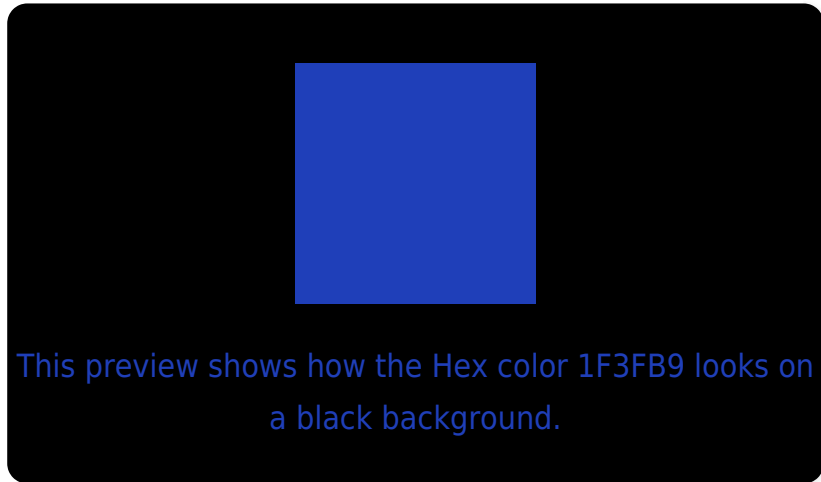
Large Text (above 18pt) WCAG AA ✓ Pass

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

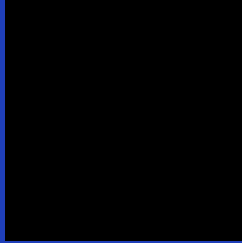
Any Text WCAG AA × Fail

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 1F3FB9 Background



This preview shows how black text looks on a background with the Hex color 1F3FB9.



This preview shows how white text looks on a background with the Hex color 1F3FB9.

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
00555A

Trichromacy



Original Color
1F3FB9

Protanomaly
0B46A6

Deuteranomaly
0B4998

Tritanomaly
0B4D7D

Monochromacy



Original Color
1F3FB9

Achromatopsia
434343

Achromatomaly
36426E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F3FB9 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 #1F3FB9 looks like.

```
.text, #text, p{  
    color:#1F3FB9  
}
```

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 #1F3FB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F3FB9
}
```

Border

The CSS property to change the border of an element to Hex 1F3FB9 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
#1F3FB9 }
```

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

```
.border{ border-color:#1F3FB9 }
```

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

Here you see how a box with a 4 pixel #1F3FB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F3FB9; -webkit-box-shadow:4px 4px  
4px 4px #1F3FB9; box-shadow:4px 4px 4px  
4px #1F3FB9 }
```

Background

The CSS property to change the background color of an element to Hex 1F3FB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F3FB9 }
```

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

```
.background{ background-color:#1F3FB9 }
```

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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