

Converting Colors

Hex(1F31B0)

Have a look what the booklet for
Hex(1F31B0) contains.

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Color

Hex(1F31B0)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 1F31B0 |
| RGB | 31, 49, 176 |
| RGB Percent | 12%, 19%, 69% |
| CMY | 0.8784, 0.8078, 0.3098 |
| CMYK | 0.82, 0.72, 0.00, 0.31 |
| HSL | 233°, 70%, 41% |
| HSV | 233°, 82%, 69% |
| XYZ | 9.4999, 5.6225, 41.6589 |
| YIQ | 58.0960, -51.4950, 35.6810 |

Conversions

Conversions Part 2

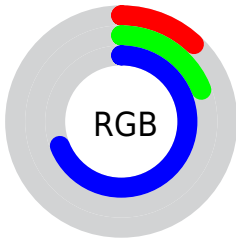
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 31, 47, 176 |
| Decimal | 2044336 |
| CIE _{Lab} | 28.44, 40.49, -68.57 |
| CIE _{LCh} | 28, 79.635, 300.561 |
| Yxy | 5.6225, 0.1673, 0.0990 |
| Android (android.graphics.Color) | 4280234416 (0xFF1F31B0) |
| YUV | 58.0960, 58.1267, -23.7632 |
| Hunter-Lab | 23.7119, 30.0181, -87.5670 |




Details

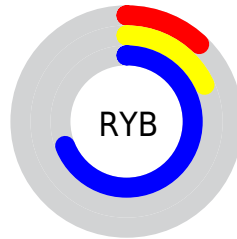
The Hex color **1F31B0** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **B09E1F**, and the grayscale version is **3A3A3A**.




A 20% lighter version of the original color is **6860E9**, and **00087A** is the 20% darker color. If you saturate the color by 10%, you get **0D22B0**, and if you desaturate by 10%, it is **3140B0**.

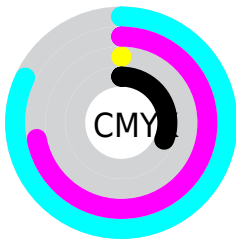
Distribution







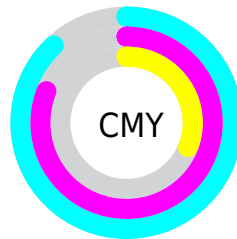
-  Red (12%)
-  Green (19%)
-  Blue (69%)






-  Red (12%)
-  Yellow (18%)
-  Blue (69%)



-  Cyan (82%)
-  Magenta (72%)
-  Yellow (0%)
-  Black (31%)



-  Cyan (88%)
-  Magenta (81%)
-  Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F31B0 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 1F31B0 by changing the saturation by 10% instead.

■ 1F31B0

■ 1F31B0

FFFFFF

■ 001B95

■ 6860E9

■ 00087A

■ 8679FF

■ 000060

■ A493FF

■ 000847

■ C2AEFF

■ 000430

■ E0C9FF

■ 00011A

■ FFE5FF

■ 000000

■ 1F31B0

■ 1F31B0

■ 0D22B0

■ 3140B0

0016B0

4250B0

545FB0

656FB0

777EB0

898DB0

9A9DB0

ACACB0

BDBCBO

Harmonies

Analogous

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



004DC2



1F31B0



880081

Triad

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



1F31B0



802100



005843

Complementary

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



1F31B0



B09E1F

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.



005600



1F31B0



524200

Square

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



1F31B0



9E0008



005000



005981

Rectangle

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



1F31B0



A00059



005000



00572D

Sweetspot

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



1F31B0



ACB3E6



1FB09D



505573



F2F2F2



737373

Same Dimension

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



1F31B0



021EE6



541FB0



505159



001399



00031A

Inverse Universe

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



B01F31



E6021E



7BB01F



595051



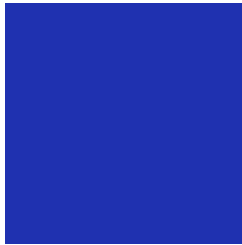
990013



1A0003

Previews

White Background



This preview shows how the Hex color 1F31B0 looks on a white background.

Color Contrast Check

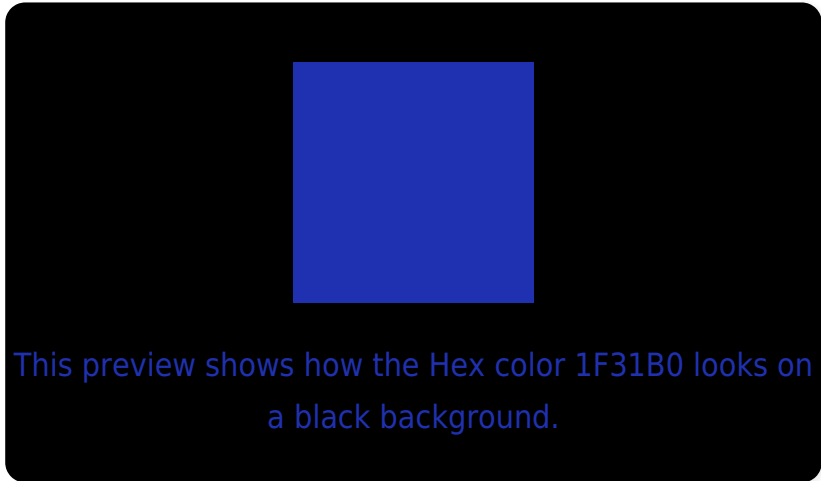
Large Text (above 18pt) WCAG AA ✓ Pass

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

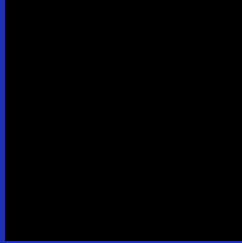
Any Text WCAG AA × Fail

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 1F31B0 Background



This preview shows how black text looks on a background with the Hex color 1F31B0.



This preview shows how white text looks on a background with the Hex color 1F31B0.

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
1F31B0

Protanopia
004188

Deuteranopia
004574



Tritanopia
004A4F

Trichromacy



Original Color
1F31B0

Protanomaly
0B3B97

Deuteranomaly
0B3E8A

Tritanomaly
0B4172

Monochromacy



Original Color
1F31B0

Achromatopsia
3A3A3A

Achromatomaly
303765

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F31B0 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 #1F31B0 looks like.

```
.text, #text, p{  
    color:#1F31B0  
}
```

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 #1F31B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F31B0
}
```

Border

The CSS property to change the border of an element to Hex 1F31B0 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
#1F31B0 }
```

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

```
.border{ border-color:#1F31B0 }
```

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

Here you see how a box with a 4 pixel #1F31B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F31B0; -webkit-box-shadow:4px 4px  
4px 4px #1F31B0; box-shadow:4px 4px 4px  
4px #1F31B0 }
```

Background

The CSS property to change the background color of an element to Hex 1F31B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F31B0 }
```

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

```
.background{ background-color:#1F31B0 }
```

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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