

Converting Colors

Hex(1F319D)

Have a look what the booklet for
Hex(1F319D) contains.

Hex(1F319D)	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(1F319D)

Conversions

Conversions Part 1

Format	Color
Hex	1F319D
RGB	31, 49, 157
RGB Percent	12%, 19%, 62%
CMY	0.8784, 0.8078, 0.3843
CMYK	0.80, 0.69, 0.00, 0.38
HSL	231°, 67%, 37%
HSV	231°, 80%, 62%
XYZ	7.7492, 4.9223, 32.4400
YIQ	55.9300, -45.3960, 29.7720

Conversions

Conversions Part 2

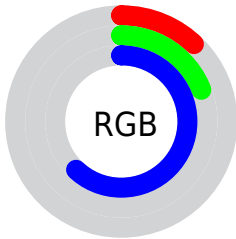
Format	Color
R_{YB}	31, 47, 157
Decimal	2044317
CIE _{Lab}	26.51, 33.57, -60.28
CIE _{LCh}	27, 68.997, 299.110
Yxy	4.9223, 0.1718, 0.1091
Android (android.graphics.Color)	4280234397 (0xFF1F319D)
YUV	55.9300, 49.8275, -21.8636
Hunter-Lab	22.1862, 23.5208, -71.1618

Details

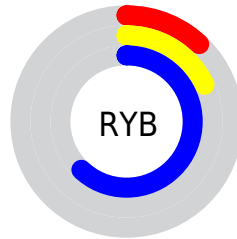
The Hex color **1F319D** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9D8B1F**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **625FD5**, and **000968** is the 20% darker color. If you saturate the color by 10%, you get **0F249D**, and if you desaturate by 10%, it is **2F3E9D**.

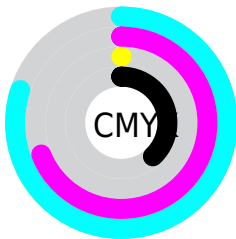
Distribution



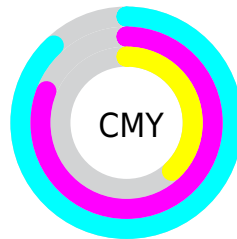
- Red (12%)
- Green (19%)
- Blue (62%)



- Red (12%)
- Yellow (18%)
- Blue (62%)



- Cyan (80%)
- Magenta (69%)
- Yellow (0%)
- Black (38%)



- Cyan (88%)
- Magenta (81%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F319D 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 1F319D by changing the saturation by 10% instead.

■ 1F319D

■ 1F319D

FFFFFF

■ 001C82

■ 625FD5

■ 000968

■ 8078F1

■ 00004F

■ 9D92FF

■ 000537

■ BAADFF

■ 000221

■ D8C8FF

■ 000006

■ F5E4FF

■ 000000

■ 1F319D

■ 1F319D

■ 0F249D

■ 2F3E9D

00169D

3E4C9D

4E599D

5E679D

6E749D

7D829D

8D8F9D

9D9D9D

ACAA9D

Harmonies

Analogous

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



0048AB



1F319D



780076

Triad

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



1F319D



762100



00523C

Complementary

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



1F319D



9D8B1F

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.



004F00



1F319D



4F3D00

Square

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



1F319D



8F0010



144A00



005371

Rectangle

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



1F319D



8E0054



144A00



005129

Sweetspot

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



1F319D



9BA2CC



1F9D8A



484D66



E6E6E6



666666

Same Dimension

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



1F319D



0824CC



4B1F9D



47484F



00148F



00020F

Inverse Universe

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



9D1F31



CC0824



719D1F



4F4748



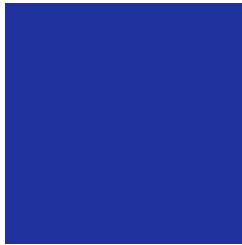
8F0014



0F0002

Previews

White Background



This preview shows how the Hex color 1F319D looks on a white background.

Color Contrast Check

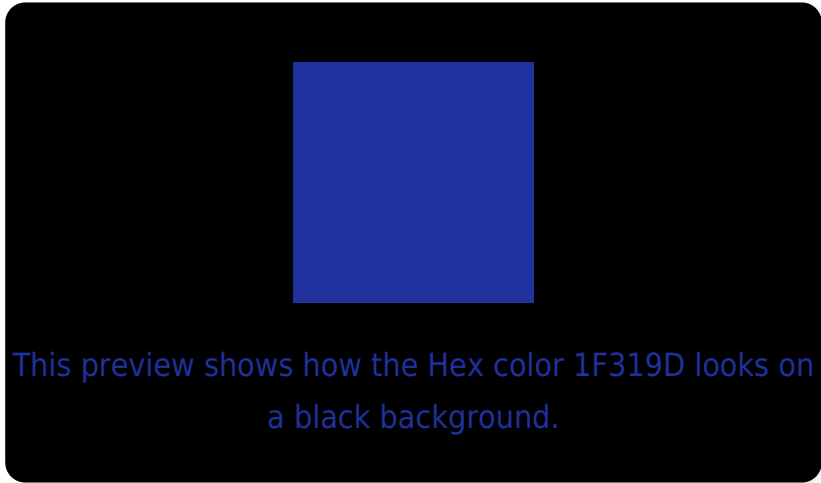
Large Text (above 18pt) WCAG AA ✓ Pass

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

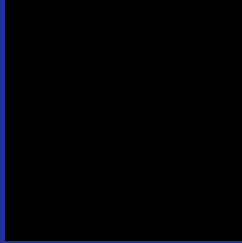
Any Text WCAG AA × Fail

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 1F319D Background



This preview shows how black text looks on a background with the Hex color 1F319D.




This preview shows how white text looks on a background with the Hex color 1F319D.

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
00464A

Trichromacy



Original Color
1F319D

Protanomaly
0B398B

Deuteranomaly
0B3B7E

Tritanomaly
0B3E68

Monochromacy



Original Color
1F319D

Achromatopsia
383838

Achromatomaly
2F355D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F319D 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 #1F319D looks like.

```
.text, #text, p{  
    color:#1F319D  
}
```

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 #1F319D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F319D
}
```

Border

The CSS property to change the border of an element to Hex 1F319D 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
#1F319D }
```

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

```
.border{ border-color:#1F319D }
```

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

Here you see how a box with a 4 pixel #1F319D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F319D; -webkit-box-shadow:4px 4px  
4px 4px #1F319D; box-shadow:4px 4px 4px  
4px #1F319D }
```

Background

The CSS property to change the background color of an element to Hex 1F319D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F319D }
```

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

```
.background{ background-color:#1F319D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor