

Converting Colors

Hex(1C2F8F)

Have a look what the booklet for
Hex(1C2F8F) contains.

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Color

Hex(1C2F8F)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 1C2F8F |
| RGB | 28, 47, 143 |
| RGB Percent | 11%, 18%, 56% |
| CMY | 0.8902, 0.8157, 0.4392 |
| CMYK | 0.80, 0.67, 0.00, 0.44 |
| HSL | 230°, 67%, 34% |
| HSV | 230°, 80%, 56% |
| XYZ | 6.4533, 4.2631, 26.4693 |
| YIQ | 52.2630, -42.1400, 25.8280 |

Conversions

Conversions Part 2

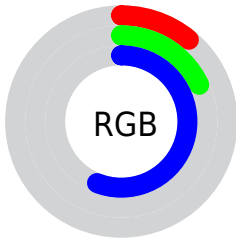
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 28, 44, 143 |
| Decimal | 1847183 |
| CIE _{Lab} | 24.52, 29.31, -54.96 |
| CIE _{LCh} | 25, 62.284, 298.074 |
| Yxy | 4.2631, 0.1735, 0.1146 |
| Android (android.graphics.Color) | 4280037263 (0xFF1C2F8F) |
| YUV | 52.2630, 44.7333, -21.2787 |
| Hunter-Lab | 20.6472, 19.6579, -61.5556 |

Details

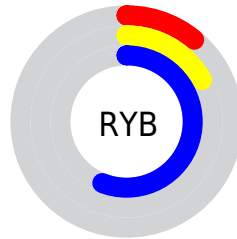
The Hex color **1C2F8F** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8F7C1C**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **5D5DC6**, and **00055B** is the 20% darker color. If you saturate the color by 10%, you get **0E238F**, and if you desaturate by 10%, it is **2A3B8F**.

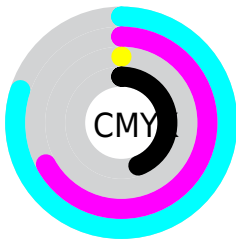
Distribution



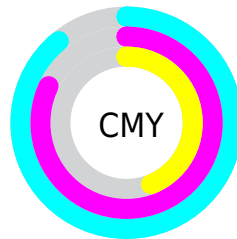
- Red (11%)
- Green (18%)
- Blue (56%)



- Red (11%)
- Yellow (17%)
- Blue (56%)



- Cyan (80%)
- Magenta (67%)
- Yellow (0%)
- Black (44%)



- Cyan (89%)
- Magenta (82%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C2F8F 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 1C2F8F by changing the saturation by 10% instead.



1C2F8F



1C2F8F

FFFFFF



001A75



5D5DC6



00055B



7A76E2



000343



968FFF



00032C



B3AAFF



000116



D0C5FF



000000



EEE1FF



FFFEFF



1C2F8F



1C2F8F

■ 0E238F

■ 2A3B8F

■ 00188F

■ 39478F

■ 47538F

■ 555F8F

■ 646B8F

■ 72778F

■ 80838F

■ 8E8E8F

■ 9D9A8F

Harmonies

Analogous

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



00429A



1C2F8F



6C006D

Triad

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



1C2F8F



6E1F00



004B36

Complementary

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



1C2F8F



8F7C1C

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.



004900



1C2F8F



4B3800

Square

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



1C2F8F



830012



1A4400



004C66

Rectangle

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



1C2F8F



81004F



1A4400



004B25

Sweetspot

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



1C2F8F



8D95BA



1C8F7C



43485E



DEDEDE



5E5E5E

Same Dimension

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



1C2F8F



0623BA



421C8F



404147



001687



000108

Inverse Universe

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



8F1C2F



BA0623



698F1C



474041



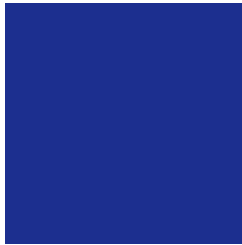
870016



080001

Previews

White Background



This preview shows how the Hex color 1C2F8F looks on a white background.

Color Contrast Check

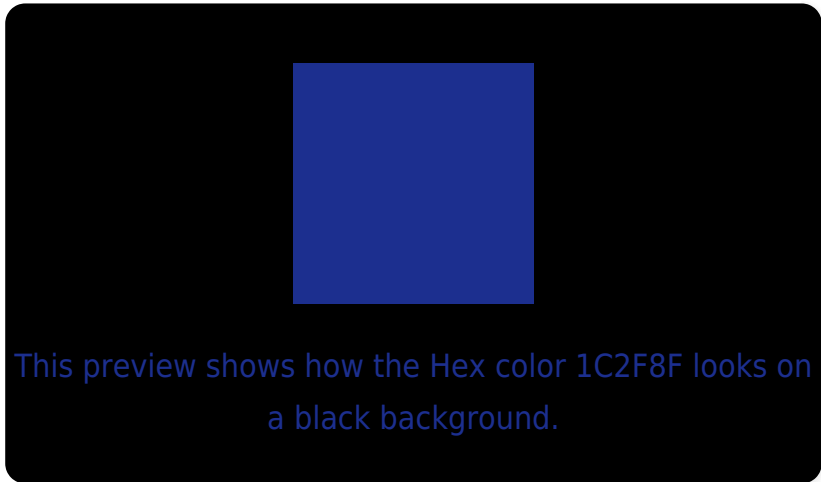
Large Text (above 18pt) WCAG AA ✓ Pass

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

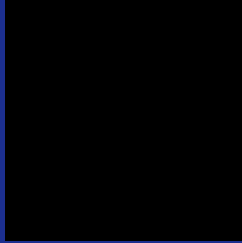
Any Text WCAG AA × Fail

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 1C2F8F Background



This preview shows how black text looks on a background with the Hex color 1C2F8F.



This preview shows how white text looks on a background with the Hex color 1C2F8F.

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
1C2F8F

Protanopia
003877

Deuteranopia
003C66

Trichromacy



Original Color
1C2F8F

Protanomaly
0A3580

Deuteranomaly
0A3775

Tritanomaly
0A3A60

Monochromacy



Original Color
1C2F8F

Achromatopsia
343434

Achromatomaly
2B3255

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C2F8F 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 #1C2F8F looks like.

```
.text, #text, p{  
    color:#1C2F8F  
}
```

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 #1C2F8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C2F8F
}
```

Border

The CSS property to change the border of an element to Hex 1C2F8F 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
#1C2F8F }
```

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

```
.border{ border-color:#1C2F8F }
```

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

Here you see how a box with a 4 pixel #1C2F8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C2F8F; -webkit-box-shadow:4px 4px  
4px 4px #1C2F8F; box-shadow:4px 4px 4px  
4px #1C2F8F }
```

Background

The CSS property to change the background color of an element to Hex 1C2F8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C2F8F }
```

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

```
.background{ background-color:#1C2F8F }
```

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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