

Converting Colors

Hex(1F4D8D)

Have a look what the booklet for
Hex(1F4D8D) contains.

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Color

Hex(1F4D8D)

Conversions

Conversions Part 1

Format	Color
Hex	1F4D8D
RGB	31, 77, 141
RGB Percent	12%, 30%, 55%
CMY	0.8784, 0.6980, 0.4471
CMYK	0.78, 0.45, 0.00, 0.45
HSL	215°, 64%, 34%
HSV	215°, 78%, 55%
XYZ	8.0267, 7.5221, 26.2282
YIQ	70.5420, -47.9600, 10.1520

Conversions

Conversions Part 2

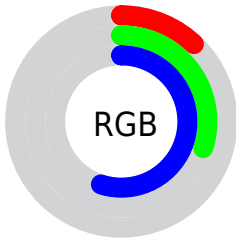
Format	Color
R_{YB}	31, 63, 141
Decimal	2051469
CIE _{Lab}	32.97, 8.30, -40.02
CIE _{LCh}	33, 40.867, 281.719
Y _{xy}	7.5221, 0.1921, 0.1801
Android (android.graphics.Color)	4280241549 (0xFF1F4D8D)
YUV	70.5420, 34.7358, -34.6783
Hunter-Lab	27.4265, 4.2435, -37.5008

Details

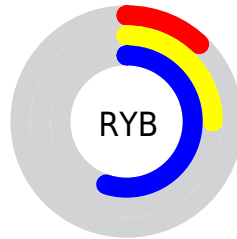
The Hex color **1F4D8D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8D5F1F**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **5C7DC3**, and **00225A** is the 20% darker color. If you saturate the color by 10%, you get **11458D**, and if you desaturate by 10%, it is **2D558D**.

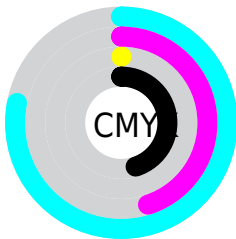
Distribution



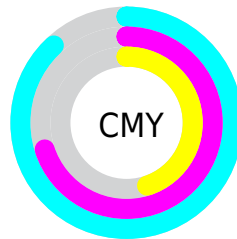
- Red (12%)
- Green (30%)
- Blue (55%)



- Red (12%)
- Yellow (25%)
- Blue (55%)



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



- Cyan (88%)
- Magenta (70%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F4D8D 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 1F4D8D by changing the saturation by 10% instead.

■ 1F4D8D

■ 1F4D8D

FFFFFF

■ 003773

■ 5C7DC3

■ 00225A

■ 7897DF

■ 000B42

■ 94B2FC

■ 00032B

■ B1CDFF

■ 000116

■ CDE9FF

■ 000000

■ EBFFFF

■ 1F4D8D

■ 1F4D8D

■ 11458D

■ 2D558D

■ 033D8D

■ 3B5D8D

■ 003B8D

■ 49668D

■ 576E8D

■ 66768D

■ 747E8D

■ 82868D

■ 908F8D

■ 9E978D

Harmonies

Analogous

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



00578B



1F4D8D



5F3F7E

Triad

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



1F4D8D



813724



005B38

Complementary

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



1F4D8D



8D5F1F

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.



2E5719



1F4D8D



6E450A

Square

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



1F4D8D



882E42



525003



005D5A

Rectangle

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



1F4D8D



76366D



525003



005A2D

Sweetspot

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



1F4D8D



8D9FB8



1F8D5D



424D5C



DBDBDB



5C5C5C

Same Dimension

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



1F4D8D



0B53B8



261F8D



404347



003987



000308

Inverse Universe

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



8D1F4D



B80B53



868D1F



474043



870039



080003

Previews

White Background



This preview shows how the Hex color 1F4D8D looks on a white background.

Color Contrast Check

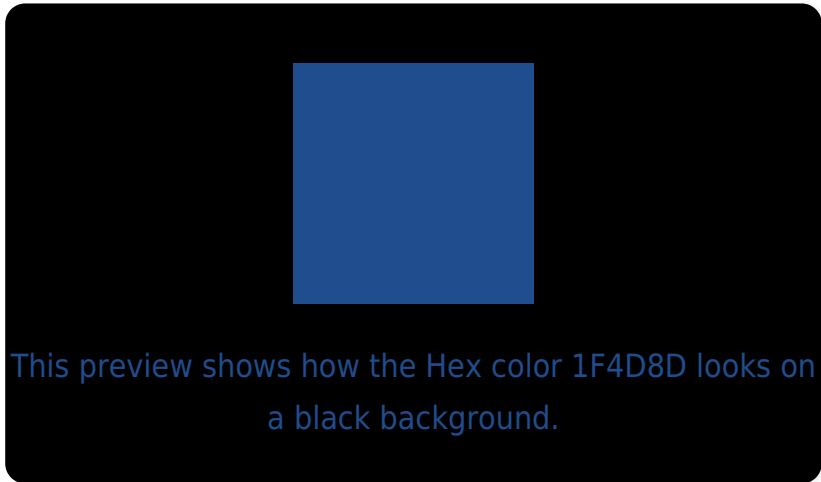
Large Text (above 18pt) WCAG AA ✓ Pass

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

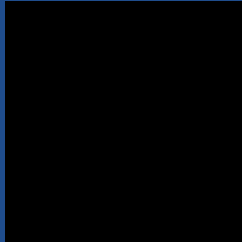
Any Text WCAG AA × Fail

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 1F4D8D Background



This preview shows how black text looks on a background with the Hex color 1F4D8D.




This preview shows how white text looks on a background with the Hex color 1F4D8D.

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
00565C

Trichromacy



Original Color
1F4D8D

Protanomaly
294C8C

Deuteranomaly
0B4E8C

Tritanomaly
0B536E

Monochromacy



Original Color
1F4D8D

Achromatopsia
474747

Achromatomaly
384960

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F4D8D 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 #1F4D8D looks like.

```
.text, #text, p{  
    color:#1F4D8D  
}
```

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 #1F4D8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F4D8D
}
```

Border

The CSS property to change the border of an element to Hex 1F4D8D 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
#1F4D8D }
```

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

```
.border{ border-color:#1F4D8D }
```

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

Here you see how a box with a 4 pixel #1F4D8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F4D8D; -webkit-box-shadow:4px 4px  
4px 4px #1F4D8D; box-shadow:4px 4px 4px  
4px #1F4D8D }
```

Background

The CSS property to change the background color of an element to Hex 1F4D8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F4D8D }
```

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

```
.background{ background-color:#1F4D8D }
```

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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