

Converting Colors

Hex(1F46B8)

Have a look what the booklet for
Hex(1F46B8) contains.

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Color

Hex(1F46B8)

Conversions

Conversions Part 1

Format	Color
Hex	1F46B8
RGB	31, 70, 184
RGB Percent	12%, 27%, 72%
CMY	0.8784, 0.7255, 0.2784
CMYK	0.83, 0.62, 0.00, 0.28
HSL	225°, 71%, 42%
HSV	225°, 83%, 72%
XYZ	11.4070, 8.1323, 46.3159
YIQ	71.3350, -59.8380, 27.1860

Conversions

Conversions Part 2

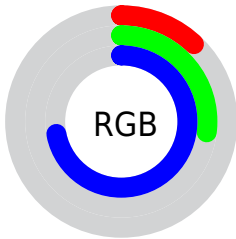
Format	Color
R_{YB}	31, 62, 184
Decimal	2049720
CIE _{Lab}	34.26, 30.01, -63.76
CIE _{LCh}	34, 70.471, 295.201
Yxy	8.1323, 0.1732, 0.1235
Android (android.graphics.Color)	4280239800 (0xFF1F46B8)
YUV	71.3350, 55.5438, -35.3738
Hunter-Lab	28.5172, 21.4953, -76.3331

Details

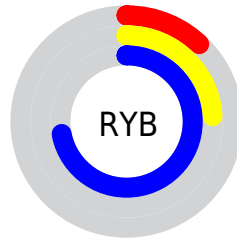
The Hex color **1F46B8** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B8911F**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6876F1**, and **001C82** is the 20% darker color. If you saturate the color by 10%, you get **0D38B8**, and if you desaturate by 10%, it is **3154B8**.

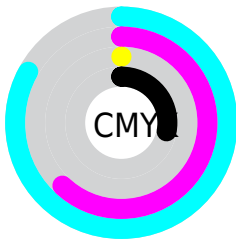
Distribution



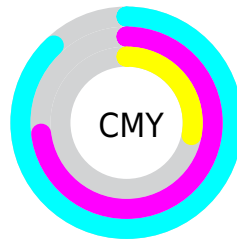
- Red (12%)
- Green (27%)
- Blue (72%)



- Red (12%)
- Yellow (24%)
- Blue (72%)



- Cyan (83%)
- Magenta (62%)
- Yellow (0%)
- Black (28%)



- Cyan (88%)
- Magenta (73%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F46B8 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 1F46B8 by changing the saturation by 10% instead.

■ 1F46B8

■ 1F46B8

FFFFFF

■ 00309D

■ 6876F1

■ 001C82

■ 868FFF

■ 000868

■ A4AAFF

■ 00064F

■ C2C5FF

■ 000537

■ E0E1FF

■ 000221

FFFEFF

■ 000005

■ 000000

■ 1F46B8

■ 1F46B8

0D38B8

3154B8

002FB8

4461B8

566FB8

697DB8

7B8BB8

8D98B8

A0A6B8

B2B4B8

C5C1B8

Harmonies

Analogous

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



005BC3



1F46B8



881C92

Triad

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



1F46B8



932E00



006646

Complementary

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



1F46B8



B8911F

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.



006300



1F46B8



6B4C00

Square

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



1F46B8



AB0025



355B00



00677F

Rectangle

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



1F46B8



A3006F



355B00



006532

Sweetspot

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



1F46B8



B4C3F0



1FB88F



545D78



F7F7F7



787878

Same Dimension

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



1F46B8



003DF0



431FB8



53555C



00289C



00071C

Inverse Universe

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



B81F46



F0003D



94B81F



5C5355



9C0028



1C0007

Previews

White Background



This preview shows how the Hex color 1F46B8 looks on a white background.

Color Contrast Check

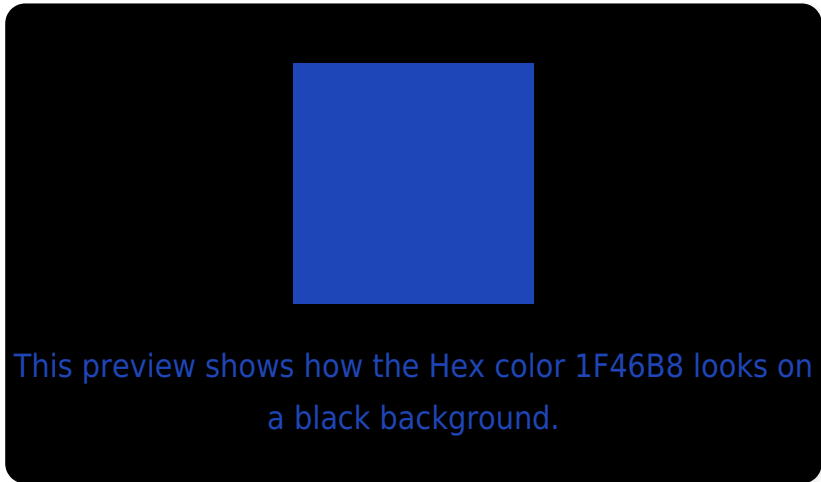
Large Text (above 18pt) WCAG AA ✓ Pass

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

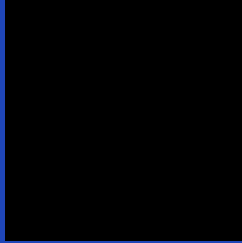
Any Text WCAG AA × Fail

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 1F46B8 Background



This preview shows how black text looks on a background with the Hex color 1F46B8.



This preview shows how white text looks on a background with the Hex color 1F46B8.

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
00595F

Trichromacy



Original Color
1F46B8

Protanomaly
0B4AAB

Deuteranomaly
0B4E9C

Tritanomaly
0B527F

Monochromacy



Original Color
1F46B8

Achromatopsia
474747

Achromatomaly
384770

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F46B8 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 #1F46B8 looks like.

```
.text, #text, p{  
  color:#1F46B8  
}
```

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 #1F46B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F46B8
}
```

Border

The CSS property to change the border of an element to Hex 1F46B8 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
#1F46B8 }
```

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

```
.border{ border-color:#1F46B8 }
```

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

Here you see how a box with a 4 pixel #1F46B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F46B8; -webkit-box-shadow:4px 4px  
4px 4px #1F46B8; box-shadow:4px 4px 4px  
4px #1F46B8 }
```

Background

The CSS property to change the background color of an element to Hex 1F46B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F46B8 }
```

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

```
.background{ background-color:#1F46B8 }
```

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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