

Converting Colors

Hex(1F45BC)

Have a look what the booklet for
Hex(1F45BC) contains.

Hex(1F45BC)	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>	28

Color

Hex(1F45BC)

Conversions

Conversions Part 1

Format	Color
Hex	1F45BC
RGB	31, 69, 188
RGB Percent	12%, 27%, 74%
CMY	0.8784, 0.7294, 0.2627
CMYK	0.84, 0.63, 0.00, 0.26
HSL	225°, 72%, 43%
HSV	225°, 84%, 74%
XYZ	11.7703, 8.1784, 48.5352
YIQ	71.2040, -60.8470, 28.9530

Conversions

Conversions Part 2

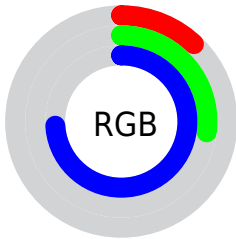
Format	Color
R _Y B	31, 62, 188
Decimal	2049468
CIE Lab	34.35, 32.19, -65.97
CIE LCh	34, 73.400, 296.011
Yxy	8.1784, 0.1719, 0.1194
Android (android.graphics.Color)	4280239548 (0xFF1F45BC)
YUV	71.2040, 57.5804, -35.2589
Hunter-Lab	28.5979, 23.4206, -80.6061

Details

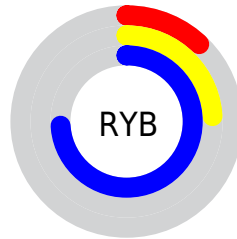
The Hex color **1F45BC** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **BC961F**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6975F5**, and **001B85** is the 20% darker color. If you saturate the color by 10%, you get **0C37BC**, and if you desaturate by 10%, it is **3253BC**.

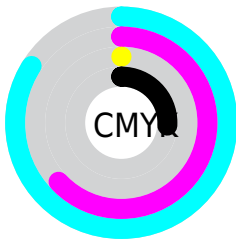
Distribution



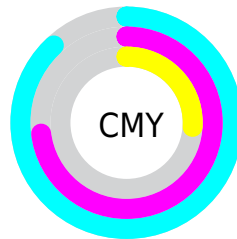
- Red (12%)
- Green (27%)
- Blue (74%)



- Red (12%)
- Yellow (24%)
- Blue (74%)



- Cyan (84%)
- Magenta (63%)
- Yellow (0%)
- Black (26%)



- Cyan (88%)
- Magenta (73%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F45BC 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 1F45BC by changing the saturation by 10% instead.

■ 1F45BC

■ 1F45BC

FFFFFF

■ 002FA0

■ 6975F5

■ 001B85

■ 888EFF

■ 00076B

■ A6A9FF

■ 000552

■ C4C4FF

■ 00053A

■ E2E0FF

■ 000224

FFFDFF

■ 00000B

■ 000000

■ 1F45BC

■ 1F45BC

■ 0C37BC

■ 3253BC

■ 002EBC

■ 4561BC

■ 5770BC

■ 6A7EBC

■ 7D8CBC

■ 909ABC

■ A3A9BC

■ B5B7BC

■ C8C5BC

Harmonies

Analogous

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



005CC8



1F45BC



8C1493

Triad

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



1F45BC



942E00



006747

Complementary

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



1F45BC



BC961F

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



1F45BC



6A4C00

Square

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



1F45BC



AE0022



305C00



006883

Rectangle

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



1F45BC



A7006F



305C00



006632

Sweetspot

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



1F45BC



B8C6F5



1FBC95



565F7A



FAFAFA



7A7A7A

Same Dimension

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



1F45BC



003BF5



461FBC



55575E



00269E



00071F

Inverse Universe

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



BC1F45



F5003B



95BC1F



5E5557



9E0026



1F0007

Previews

White Background



This preview shows how the Hex color 1F45BC looks on a white background.

Color Contrast Check

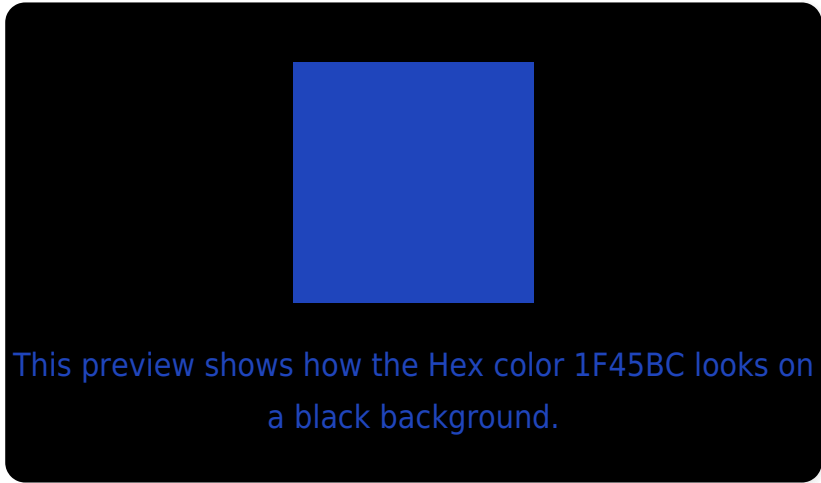
Large Text (above 18pt) WCAG AA ✓ Pass

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

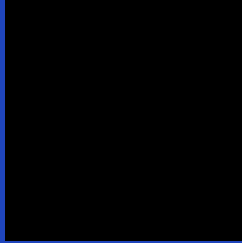
Any Text WCAG AA × Fail

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 1F45BC Background



This preview shows how black text looks on a background with the Hex color 1F45BC.



This preview shows how white text looks on a background with the Hex color 1F45BC.

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



Trichromacy



Original Color
1F45BC

Protanomaly
0B4BAD

Tritanomaly
0B5281

Monochromacy



Original Color
1F45BC

Achromatopsia
474747

Achromatomaly
384672

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F45BC 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 #1F45BC looks like.

```
.text, #text, p{  
    color:#1F45BC  
}
```

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 #1F45BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F45BC
}
```

Border

The CSS property to change the border of an element to Hex 1F45BC 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
#1F45BC }
```

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

```
.border{ border-color:#1F45BC }
```

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

Here you see how a box with a 4 pixel #1F45BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F45BC; -webkit-box-shadow:4px 4px  
4px 4px #1F45BC; box-shadow:4px 4px 4px  
4px #1F45BC }
```

Background

The CSS property to change the background color of an element to Hex 1F45BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F45BC }
```

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

```
.background{ background-color:#1F45BC }
```

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