

Converting Colors

Hex(1F45A0)

Have a look what the booklet for
Hex(1F45A0) contains.

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Color

Hex(1F45A0)

Conversions

Conversions Part 1

Format	Color
Hex	1F45A0
RGB	31, 69, 160
RGB Percent	12%, 27%, 63%
CMY	0.8784, 0.7294, 0.3725
CMYK	0.81, 0.57, 0.00, 0.37
HSL	222°, 68%, 37%
HSV	222°, 81%, 63%
XYZ	9.0384, 7.0856, 34.1490
YIQ	68.0120, -51.8590, 20.2450

Conversions

Conversions Part 2

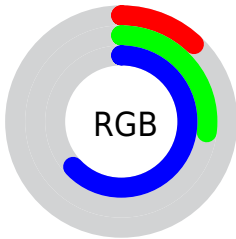
Format	Color
R_{YB}	31, 60, 160
Decimal	2049440
CIE _{Lab}	32.00, 21.32, -53.12
CIE _{LCh}	32, 57.242, 291.866
Yxy	7.0856, 0.1798, 0.1409
Android (android.graphics.Color)	4280239520 (0xFF1F45A0)
YUV	68.0120, 45.3501, -32.4595
Hunter-Lab	26.6188, 14.0263, -57.4293

Details

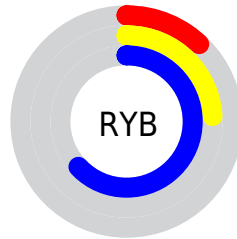
The Hex color **1F45A0** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A07A1F**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6175D8**, and **001B6B** is the 20% darker color. If you saturate the color by 10%, you get **0F3AA0**, and if you desaturate by 10%, it is **2F50A0**.

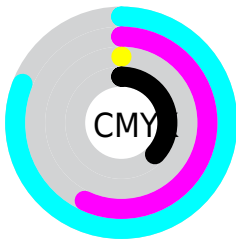
Distribution



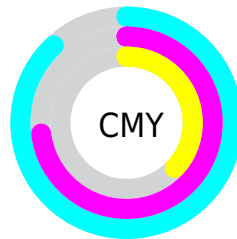
- Red (12%)
- Green (27%)
- Blue (63%)



- Red (12%)
- Yellow (24%)
- Blue (63%)



- Cyan (81%)
- Magenta (57%)
- Yellow (0%)
- Black (37%)



- Cyan (88%)
- Magenta (73%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F45A0 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 1F45A0 by changing the saturation by 10% instead.

■ 1F45A0

■ 1F45A0

FFFFFF

■ 002F85

■ 6175D8

■ 001B6B

■ 7F8EF4

■ 000153

■ 9BA8FF

■ 00063B

■ B9C4FF

■ 000224

■ D6DFFF

■ 00000C

■ F4FCFF

■ 000000

■ 1F45A0

■ 1F45A0

■ 0F3AA0

■ 2F50A0

■ 002FA0

■ 3F5CA0

■ 4F67A0

■ 5F72A0

■ 6F7DA0

■ 7F89A0

■ 8F94A0

■ 9F9FA0

■ AFABA0

Harmonies

Analogous

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



0055A6



1F45A0



742B84

Triad

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



1F45A0



862F00



005D3D

Complementary

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



1F45A0



A07A1F

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.



005A09



1F45A0



674500

Square

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



1F45A0



970F2D



3E5300



005E6C

Rectangle

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



1F45A0



8C1468



3E5300



005D2D

Sweetspot

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



1F45A0



9FAED1



1FA079



4A5369



E8E8E8



696969

Same Dimension

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



1F45A0



0642D1



391FA0



47494F



002A8F



00050F

Inverse Universe

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



A01F45



D10642



86A01F



4F4749



8F002A



0F0005

Previews

White Background



This preview shows how the Hex color 1F45A0 looks on a white background.

Color Contrast Check

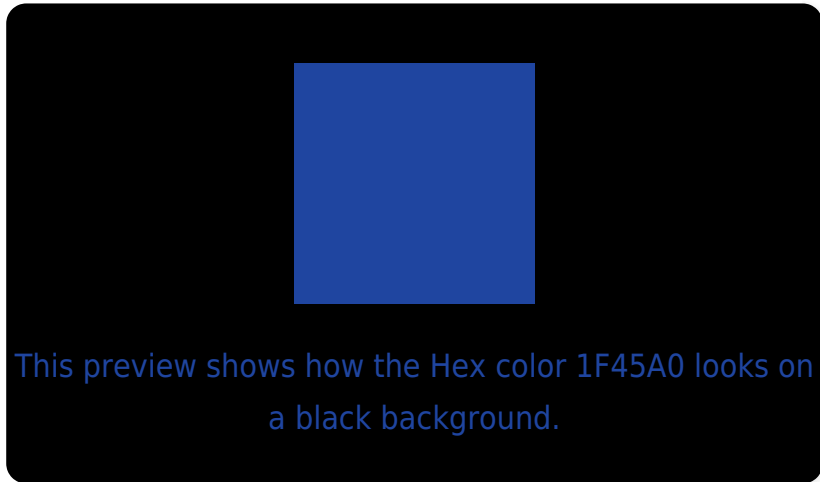
Large Text (above 18pt) WCAG AA ✓ Pass

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

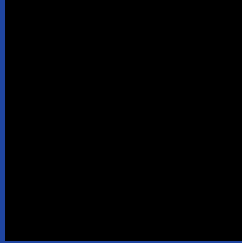
Any Text WCAG AA × Fail

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 1F45A0 Background



This preview shows how black text looks on a background with the Hex color 1F45A0.



This preview shows how white text looks on a background with the Hex color 1F45A0.

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
1F45A0

Deuteranopia
004D84

Trichromacy



Original Color
1F45A0

Deuteranomaly
0B4A8E

Monochromacy



Original Color
1F45A0

Achromatopsia
444444

Achromatomaly
374465

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F45A0 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 #1F45A0 looks like.

```
.text, #text, p{  
    color:#1F45A0  
}
```

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 #1F45A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F45A0
}
```

Border

The CSS property to change the border of an element to Hex 1F45A0 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
#1F45A0 }
```

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

```
.border{ border-color:#1F45A0 }
```

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

Here you see how a box with a 4 pixel #1F45A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F45A0; -webkit-box-shadow:4px 4px  
4px 4px #1F45A0; box-shadow:4px 4px 4px  
4px #1F45A0 }
```

Background

The CSS property to change the background color of an element to Hex 1F45A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F45A0 }
```

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

```
.background{ background-color:#1F45A0 }
```

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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