

Converting Colors

Hex(1F4E99)

Have a look what the booklet for
Hex(1F4E99) contains.

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Color

Hex(1F4E99)

Conversions

Conversions Part 1

Format	Color
Hex	1F4E99
RGB	31, 78, 153
RGB Percent	12%, 31%, 60%
CMY	0.8784, 0.6941, 0.4000
CMYK	0.80, 0.49, 0.00, 0.40
HSL	217°, 66%, 36%
HSV	217°, 80%, 60%
XYZ	9.0392, 8.0400, 31.2124
YIQ	72.4970, -52.0870, 13.3610

Conversions

Conversions Part 2

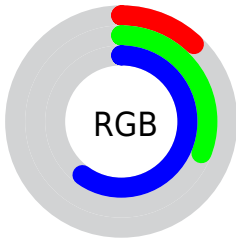
Format	Color
R_{YB}	31, 65, 153
Decimal	2051737
CIE _{Lab}	34.07, 12.43, -45.55
CIE _{LCh}	34, 47.216, 285.258
Yxy	8.0400, 0.1872, 0.1665
Android (android.graphics.Color)	4280241817 (0xFF1F4E99)
YUV	72.4970, 39.6880, -36.3929
Hunter-Lab	28.3549, 7.2828, -45.4167

Details

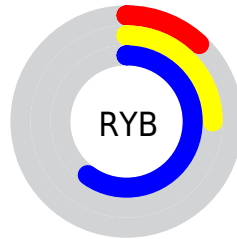
The Hex color **1F4E99** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **996A1F**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **5F7ED0**, and **002365** is the 20% darker color. If you saturate the color by 10%, you get **104599**, and if you desaturate by 10%, it is **2E5799**.

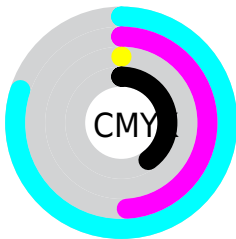
Distribution



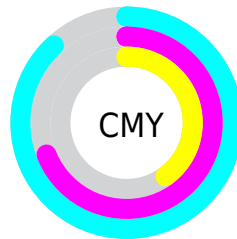
- Red (12%)
- Green (31%)
- Blue (60%)



- Red (12%)
- Yellow (25%)
- Blue (60%)



- Cyan (80%)
- Magenta (49%)
- Yellow (0%)
- Black (40%)



- Cyan (88%)
- Magenta (69%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F4E99 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 1F4E99 by changing the saturation by 10% instead.

■ 1F4E99

■ 1F4E99

FFFFFF

■ 00387F

■ 5F7ED0

■ 002365

■ 7C98EC

■ 000E4D

■ 98B3FF

■ 000535

■ B5CEFF

■ 00021F

■ D2EAFF

■ 000002

■ F0FFFF

■ 000000

■ 1F4E99

■ 1F4E99

■ 104599

■ 2E5799

■ 003B99

■ 3E6199

■ 4D6A99

■ 5C7499

■ 6B7D99

■ 7B8699

■ 8A9099

■ 999999

■ A9A399

Harmonies

Analogous

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



005A99



1F4E99



693D85

Triad

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



1F4E99



88371C



00603C

Complementary

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



1F4E99



996A1F

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.



215C15



1F4E99



704800

Square

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



1F4E99



92283F



4F5400



006163

Rectangle

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



1F4E99



823070



4F5400



005F2F

Sweetspot

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



1F4E99



97AAC7



1F9968



475263



E3E3E3



636363

Same Dimension

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



1F4E99



0852C7



2B1F99



45484D



00368C



00050D

Inverse Universe

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



991F4E



C70852



8D991F



4D4548



8C0036



0D0005

Previews

White Background



This preview shows how the Hex color 1F4E99 looks on a white background.

Color Contrast Check

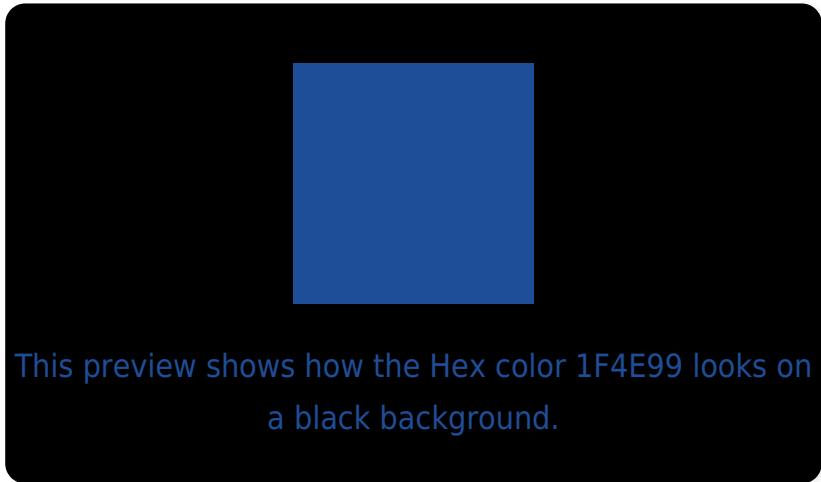
Large Text (above 18pt) WCAG AA ✓ Pass

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 1F4E99 Background



This preview shows how black text looks on a background with the Hex color 1F4E99.



This preview shows how white text looks on a background with the Hex color 1F4E99.

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

1F4E99

Protanopia

264D98

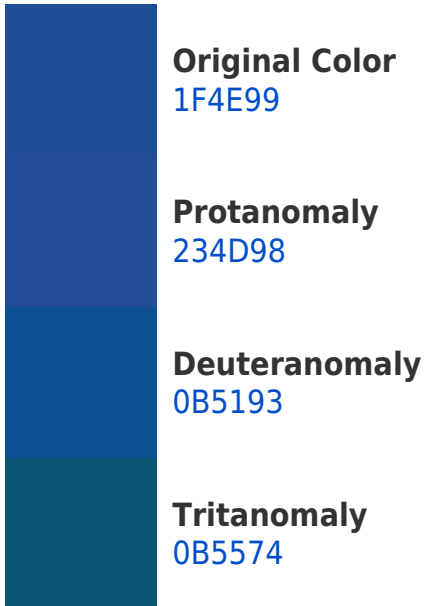
Deuteranopia

00528F



Tritanopia
00595F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1F4E99 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 #1F4E99 looks like.

```
.text, #text, p{  
    color:#1F4E99  
}
```

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 #1F4E99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F4E99
}
```

Border

The CSS property to change the border of an element to Hex 1F4E99 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
#1F4E99 }
```

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

```
.border{ border-color:#1F4E99 }
```

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

Here you see how a box with a 4 pixel #1F4E99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F4E99; -webkit-box-shadow:4px 4px  
4px 4px #1F4E99; box-shadow:4px 4px 4px  
4px #1F4E99 }
```

Background

The CSS property to change the background color of an element to Hex 1F4E99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F4E99 }
```

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

```
.background{ background-color:#1F4E99 }
```

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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