

Converting Colors

Hex(1E4F8F)

Have a look what the booklet for
Hex(1E4F8F) contains.

Hex(1E4F8F)	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>	29

Color

Hex(1E4F8F)

Conversions

Conversions Part 1

Format	Color
Hex	1E4F8F
RGB	30, 79, 143
RGB Percent	12%, 31%, 56%
CMY	0.8824, 0.6902, 0.4392
CMYK	0.79, 0.45, 0.00, 0.44
HSL	214°, 65%, 34%
HSV	214°, 79%, 56%
XYZ	8.2893, 7.8512, 27.0651
YIQ	71.6450, -49.7480, 9.5160

Conversions

Conversions Part 2

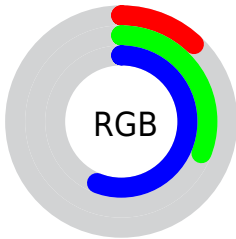
Format	Color
R _Y B	30, 64, 143
Decimal	1986447
CIE Lab	33.67, 7.63, -40.11
CIE LCh	34, 40.832, 280.776
Yxy	7.8512, 0.1919, 0.1817
Android (android.graphics.Color)	4280176527 (0xFF1E4F8F)
YUV	71.6450, 35.1780, -36.5227
Hunter-Lab	28.0199, 3.7721, -37.6558

Details

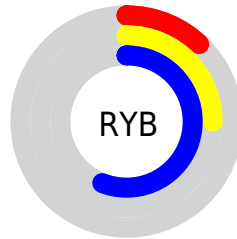
The Hex color **1E4F8F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8F5E1E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **5C80C5**, and **00245C** is the 20% darker color. If you saturate the color by 10%, you get **10478F**, and if you desaturate by 10%, it is **2C578F**.

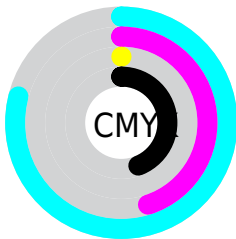
Distribution



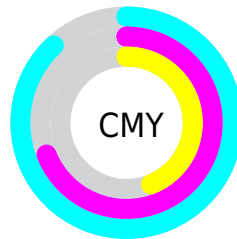
- Red (12%)
- Green (31%)
- Blue (56%)



- Red (12%)
- Yellow (25%)
- Blue (56%)



- Cyan (79%)
- Magenta (45%)
- Yellow (0%)
- Black (44%)



- Cyan (88%)
- Magenta (69%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E4F8F 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 1E4F8F by changing the saturation by 10% instead.

■ 1E4F8F

■ 1E4F8F

FFFFFF

■ 003975

■ 5C80C5

■ 00245C

■ 7899E1

■ 000E44

■ 94B4FE

■ 00032D

■ B1D0FF

■ 000117

■ CEECFE

■ 000000

■ EBFFFF

■ 1E4F8F

■ 1E4F8F

■ 10478F

■ 2C578F

■ 013F8F

■ 3B5F8F

■ 003E8F

■ 49678F

■ 576F8F

■ 66778F

■ 74808F

■ 82888F

■ 90908F

■ 9F988F

Harmonies

Analogous

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



00588C



1E4F8F



604181

Triad

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



1E4F8F



833826



005D39

Complementary

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



1E4F8F



8F5E1E

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.



31591A



1E4F8F



70460D

Square

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



1E4F8F



892F45



555104



005E5A

Rectangle

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



1E4F8F



77386F



555104



005C2E

Sweetspot

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



1E4F8F



8DA1BA



1E8F5C



434F5E



DEDEDE



5E5E5E

Same Dimension

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



1E4F8F



0956BA



241E8F



404347



003B87



000308

Inverse Universe

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



8F1E4F



BA0956



898F1E



474043



87003B



080003

Previews

White Background



This preview shows how the Hex color 1E4F8F looks on a white background.

Color Contrast Check

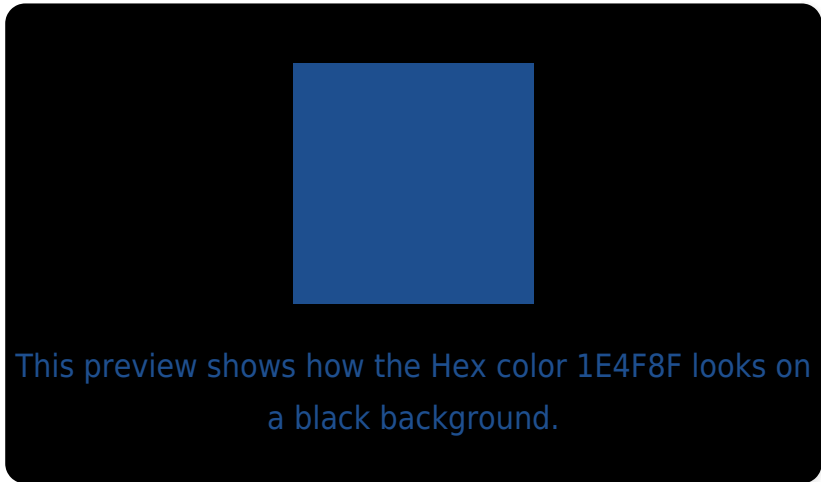
Large Text (above 18pt) WCAG AA ✓ Pass

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 1E4F8F Background



This preview shows how black text looks on a background with the Hex color 1E4F8F.



This preview shows how white text looks on a background with the Hex color 1E4F8F.

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
1E4F8F

Protanomaly
2A4E8E

Deuteranomaly
0C508F

Tritanomaly
0B5570

Monochromacy



Original Color
1E4F8F

Achromatopsia
484848

Achromatomaly
394B62

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E4F8F 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 #1E4F8F looks like.

```
.text, #text, p{  
    color:#1E4F8F  
}
```

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 #1E4F8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E4F8F
}
```

Border

The CSS property to change the border of an element to Hex 1E4F8F 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
#1E4F8F }
```

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

```
.border{ border-color:#1E4F8F }
```

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

Here you see how a box with a 4 pixel #1E4F8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E4F8F; -webkit-box-shadow:4px 4px  
4px 4px #1E4F8F; box-shadow:4px 4px 4px  
4px #1E4F8F }
```

Background

The CSS property to change the background color of an element to Hex 1E4F8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E4F8F }
```

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

```
.background{ background-color:#1E4F8F }
```

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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