

Converting Colors

Hex(1E5FAE)

Have a look what the booklet for
Hex(1E5FAE) contains.

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Color

Hex(1E5FAE)

Conversions

Conversions Part 1

Format	Color
Hex	1E5FAE
RGB	30, 95, 174
RGB Percent	12%, 37%, 68%
CMY	0.8824, 0.6275, 0.3176
CMYK	0.83, 0.45, 0.00, 0.32
HSL	213°, 71%, 40%
HSV	213°, 83%, 68%
XYZ	12.2676, 11.5164, 41.6207
YIQ	84.5710, -64.0990, 10.7890

Conversions

Conversions Part 2

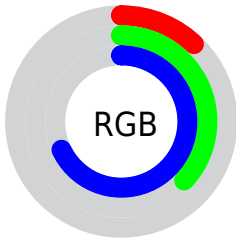
Format	Color
RYB	30, 75, 174
Decimal	1990574
CIELab	40.44, 9.42, -47.84
CIELCh	40, 48.762, 281.139
Yxy	11.5164, 0.1876, 0.1761
Android (android.graphics.Color)	4280180654 (0xFF1E5FAE)
YUV	84.5710, 44.0885, -47.8588
Hunter-Lab	33.9359, 5.1389, -48.9612

Details

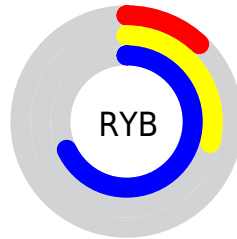
The Hex color **1E5FAE** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **AE6D1E**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6391E6**, and **003279** is the 20% darker color. If you saturate the color by 10%, you get **0D55AE**, and if you desaturate by 10%, it is **2F69AE**.

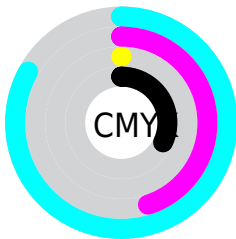
Distribution



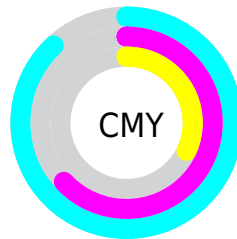
- Red (12%)
- Green (37%)
- Blue (68%)



- Red (12%)
- Yellow (29%)
- Blue (68%)



- Cyan (83%)
- Magenta (45%)
- Yellow (0%)
- Black (32%)



- Cyan (88%)
- Magenta (63%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E5FAE 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 1E5FAE by changing the saturation by 10% instead.

■ 1E5FAE

■ 1E5FAE

FFFFFF

■ 004893

■ 6391E6

■ 003279

■ 81ABFF

■ 001E5F

■ 9EC6FF

■ 000247

■ BCE2FF

■ 000430

■ D9FFFF

■ 00011A

■ F7FFFF

■ 000000

■ 1E5FAE

■ 1E5FAE

■ 0D55AE

■ 2F69AE

■ 004FAE

■ 4172AE

■ 527CAE

■ 6485AE

■ 758FAE

■ 8698AE

■ 98A2AE

■ A9ABAE

■ BBB5AE

Harmonies

Analogous

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



006BAB



1E5FAE



744E9C

Triad

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



1E5FAE



9F432D



007044

Complementary

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



1E5FAE



AE6D1E

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.



386B1D



1E5FAE



87540A

Square

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



1E5FAE



A73752



656200



00726E

Rectangle

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



1E5FAE



904286



656200



006F37

Sweetspot

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



1E5FAE



AAC4E3



1EAE6B



506073



F2F2F2



737373

Same Dimension

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



1E5FAE



0268E3



231EAE



4E5257



004496



000A17

Inverse Universe

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



AE1E5F



E30268



A9AE1E



574E52



960044



17000A

Previews

White Background



This preview shows how the Hex color 1E5FAE looks on a white background.

Color Contrast Check

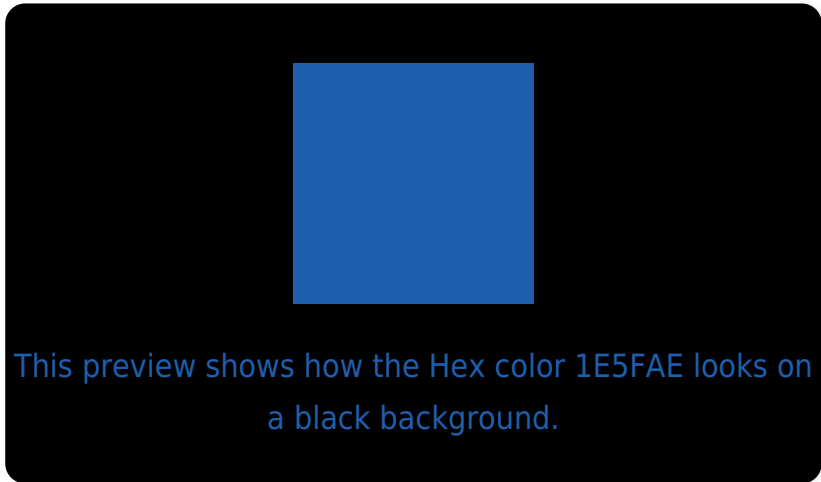
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

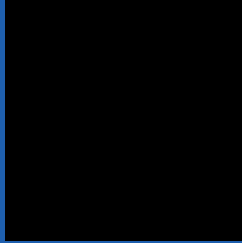
Any Text WCAG AA × Fail

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 1E5FAE Background



This preview shows how black text looks on a background with the Hex color 1E5FAE.

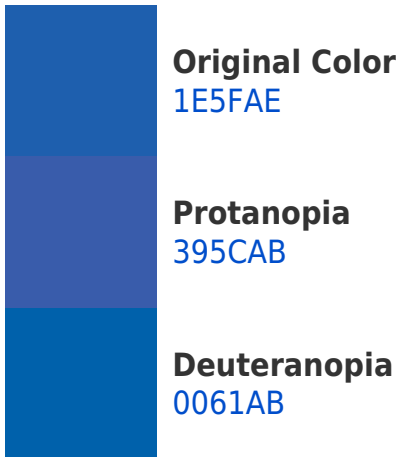


This preview shows how white text looks on a background with the Hex color 1E5FAE.

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](#).

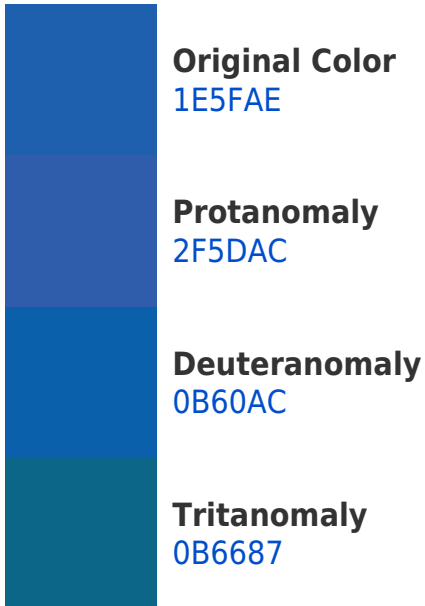
Dichromacy





Tritanopia
006A71

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E5FAE 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 #1E5FAE looks like.

```
.text, #text, p{  
    color:#1E5FAE  
}
```

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 #1E5FAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E5FAE
}
```

Border

The CSS property to change the border of an element to Hex 1E5FAE 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
#1E5FAE }
```

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

```
.border{ border-color:#1E5FAE }
```

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

Here you see how a box with a 4 pixel #1E5FAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E5FAE; -webkit-box-shadow:4px 4px  
4px 4px #1E5FAE; box-shadow:4px 4px 4px  
4px #1E5FAE }
```

Background

The CSS property to change the background color of an element to Hex 1E5FAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E5FAE }
```

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

```
.background{ background-color:#1E5FAE }
```

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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