

Converting Colors

Hex(1E6FAE)

Have a look what the booklet for
Hex(1E6FAE) contains.

Hex(1E6FAE)	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(1E6FAE)

Conversions

Conversions Part 1

Format	Color
Hex	1E6FAE
RGB	30, 111, 174
RGB Percent	12%, 44%, 68%
CMY	0.8824, 0.5647, 0.3176
CMYK	0.83, 0.36, 0.00, 0.32
HSL	206°, 71%, 40%
HSV	206°, 83%, 68%
XYZ	13.8598, 14.7009, 42.1515
YIQ	93.9630, -68.4990, 2.4210

Conversions

Conversions Part 2

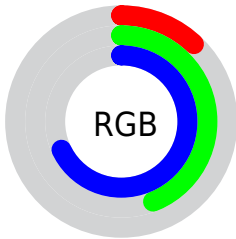
Format	Color
R_{YB}	30, 82, 174
Decimal	1994670
CIE _{Lab}	45.22, -0.71, -40.21
CIE _{LCh}	45, 40.215, 268.984
Yxy	14.7009, 0.1960, 0.2079
Android (android.graphics.Color)	4280184750 (0xFF1E6FAE)
YUV	93.9630, 39.4582, -56.0956
Hunter-Lab	38.3417, -2.5735, -38.3420

Details

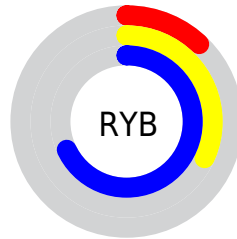
The Hex color **1E6FAE** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AE5D1E**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **63A2E6**, and **004079** is the 20% darker color. If you saturate the color by 10%, you get **0D67AE**, and if you desaturate by 10%, it is **2F77AE**.

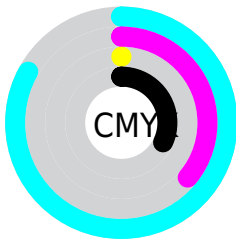
Distribution



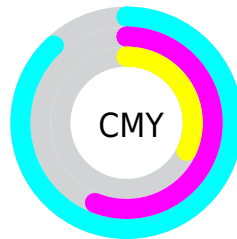
- Red (12%)
- Green (44%)
- Blue (68%)



- Red (12%)
- Yellow (32%)
- Blue (68%)



- Cyan (83%)
- Magenta (36%)
- Yellow (0%)
- Black (32%)



- Cyan (88%)
- Magenta (56%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E6FAE 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 1E6FAE by changing the saturation by 10% instead.

■ 1E6FAE

■ 1E6FAE

FFFFFF

■ 005793

■ 63A2E6

■ 004079

■ 81BDFF

■ 002A60

■ 9ED9FF

■ 001648

■ BCF5FF

■ 000431

■ D9FFFF

■ 00011B

■ F7FFFF

■ 000000

■ 1E6FAE

■ 1E6FAE

■ 0D67AE

■ 2F77AE

■ 0062AE

■ 417EAE

■ 5286AE

■ 648DAE

■ 7595AE

■ 869DAE

■ 98A4AE

■ A9ACAE

■ BBB4AE

Harmonies

Analogous

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



0077A4



1E6FAE



6A63A6

Triad

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



1E6FAE



A8514C



317947

Complementary

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



1E6FAE



AE5D1E

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.



5D732D



1E6FAE



995C32

Square

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



1E6FAE



A74E6E



7F6924



007C69

Rectangle

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



1E6FAE



885A97



7F6924



42773D

Sweetspot

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



1E6FAE



AACAE3



1EAE5C



506473



F2F2F2



737373

Same Dimension

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



1E6FAE



0281E3



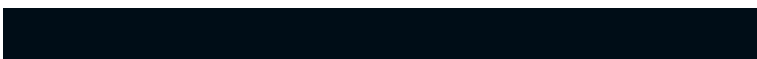
1E28AE



4E5357



005596



000D17

Inverse Universe

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



AE1E6F



E30281



AEA41E



574E53



960055



17000D

Previews

White Background



This preview shows how the Hex color 1E6FAE looks on a white background.

Color Contrast Check

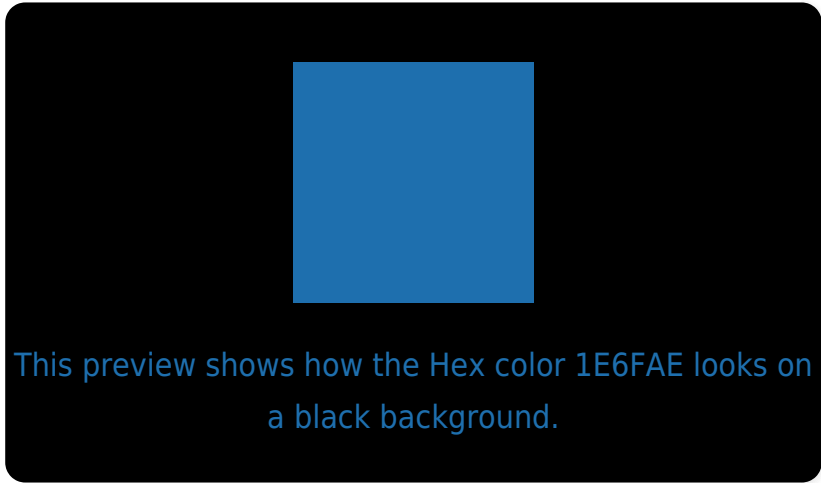
Large Text (above 18pt) WCAG AA ✓ Pass

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

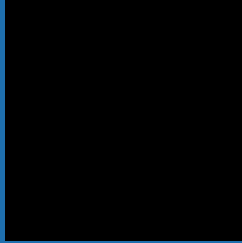
Any Text WCAG AA × Fail

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 1E6FAE Background



This preview shows how black text looks on a background with the Hex color 1E6FAE.

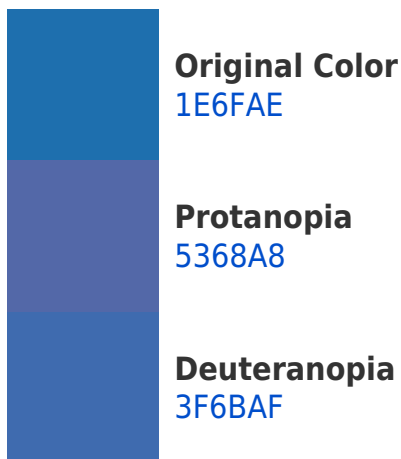


This preview shows how white text looks on a background with the Hex color 1E6FAE.

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](#).

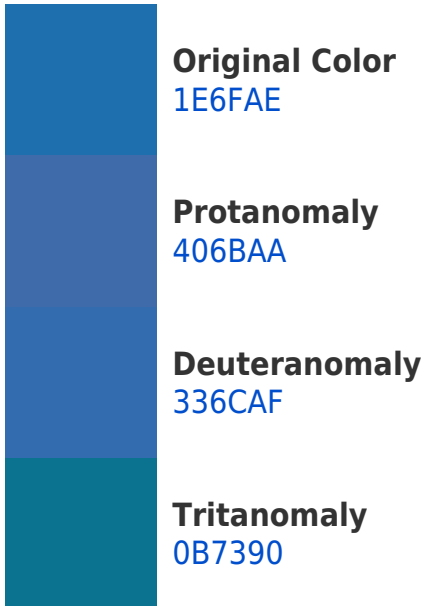
Dichromacy



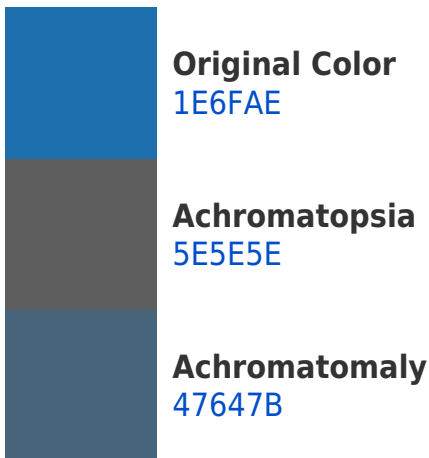


Tritanopia
00767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E6FAE 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 #1E6FAE looks like.

```
.text, #text, p{  
    color:#1E6FAE  
}
```

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 #1E6FAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E6FAE
}
```

Border

The CSS property to change the border of an element to Hex 1E6FAE 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
#1E6FAE }
```

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

```
.border{ border-color:#1E6FAE }
```

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

Here you see how a box with a 4 pixel #1E6FAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E6FAE; -webkit-box-shadow:4px 4px  
4px 4px #1E6FAE; box-shadow:4px 4px 4px  
4px #1E6FAE }
```

Background

The CSS property to change the background color of an element to Hex 1E6FAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E6FAE }
```

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

```
.background{ background-color:#1E6FAE }
```

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