

Converting Colors

Hex(4157E4)

Have a look what the booklet for
Hex(4157E4) contains.

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Color

Hex(4157E4)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 4157E4 |
| RGB | 65, 87, 228 |
| RGB Percent | 25%, 34%, 89% |
| CMY | 0.7451, 0.6588, 0.1059 |
| CMYK | 0.71, 0.62, 0.00, 0.11 |
| HSL | 232°, 75%, 57% |
| HSV | 232°, 71%, 89% |
| XYZ | 19.5918, 13.5416, 74.9800 |
| YIQ | 96.4960, -58.3730, 39.1870 |

Conversions

Conversions Part 2

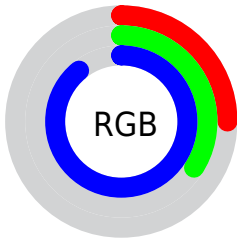
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 65, 84, 228 |
| Decimal | 4282340 |
| CIELab | 43.57, 38.60, -73.91 |
| CIELCh | 44, 83.382, 297.575 |
| Yxy | 13.5416, 0.1812, 0.1253 |
| Android (android.graphics.Color) | 4282472420 (0xFF4157E4) |
| YUV | 96.4960, 64.8315, -27.6220 |
| Hunter-Lab | 36.7990, 30.6351, -95.0474 |

Details

The Hex color **4157E4** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **E4CE41**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8589FF**, and **002AAB** is the 20% darker color. If you saturate the color by 10%, you get **2A43E4**, and if you desaturate by 10%, it is **586BE4**.

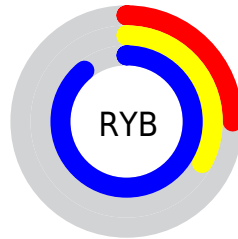
Distribution



Red (25%)

Green (34%)

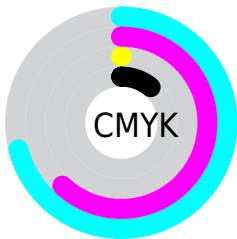
Blue (89%)



Red (25%)

Yellow (33%)

Blue (89%)

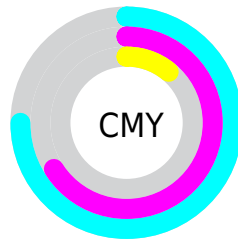


Cyan (71%)

Magenta (62%)

Yellow (0%)

Black (11%)



Cyan (75%)

Magenta (66%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4157E4 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 4157E4 by changing the saturation by 10% instead.

 4157E4

 4157E4

FFFFFF

 0340C7

 8589FF

 002AAB

 A4A3FF

 001790

 C3BEFF

 000375

 E2DAFF

 00055C

 FFF6FF

 000743

 00032C

 000116

 000000

■ 4157E4

■ 4157E4

■ 2A43E4

■ 586BE4

■ 1330E4

■ 6F7EE4

■ 001FE4

■ 8592E4

■ 9CA6E4

■ B3BAE4

■ CACDE4

■ E1E1E4

■ F7F5E4

■ FFFFE4

Harmonies

Analogous

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



0073F4



4157E4



B120B3

Triad

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



4157E4



B64100



00815F

Complementary

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



4157E4



E4CE41

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.



007E0A



4157E4



836300

Square

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



4157E4



D5002C



3D7500



0082A6

Rectangle

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



4157E4



CF0087



3D7500



008147

Sweetspot

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



4157E4



C9D1FF



41E4CC



606480



000000



808080

Same Dimension

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



4157E4



2441FF



7A41E4



676973



0018B3



000733

Inverse Universe

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



E44157



FF2441



ABE441



736769



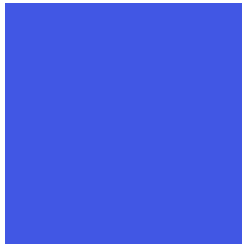
B30018



330007

Previews

White Background



This preview shows how the Hex color 4157E4 looks on a white background.

Color Contrast Check

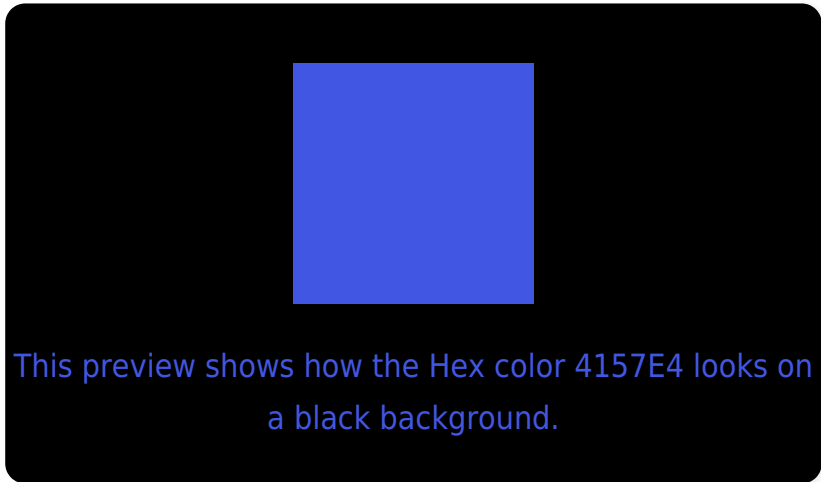
Large Text (above 18pt) WCAG AA ✓ Pass

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

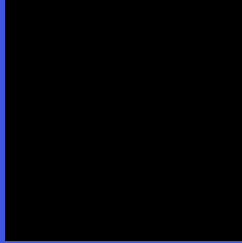
Any Text WCAG AA × Fail

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 4157E4 Background



This preview shows how black text looks on a background with the Hex color 4157E4.



This preview shows how white text looks on a background with the Hex color 4157E4.

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
4157E4

Deuteranomaly
1862C5

Tritanomaly
1868A0

Monochromacy



Original Color
4157E4

Achromatopsia
606060

Achromatomaly
555D90

CSS Examples

Text

The CSS property to change the color of the text to Hex 4157E4 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 #4157E4 looks like.

```
.text, #text, p{  
    color:#4157E4  
}
```

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 #4157E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4157E4
}
```

Border

The CSS property to change the border of an element to Hex 4157E4 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
#4157E4 }
```

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

```
.border{ border-color:#4157E4 }
```

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

Here you see how a box with a 4 pixel #4157E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4157E4; -webkit-box-shadow:4px 4px  
4px 4px #4157E4; box-shadow:4px 4px 4px  
4px #4157E4 }
```

Background

The CSS property to change the background color of an element to Hex 4157E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4157E4 }
```

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

```
.background{ background-color:#4157E4 }
```

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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