

Converting Colors

Hex(145AE7)

Have a look what the booklet for
Hex(145AE7) contains.

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Color

Hex(145AE7)

Conversions

Conversions Part 1

Format	Color
Hex	145AE7
RGB	20, 90, 231
RGB Percent	8%, 35%, 91%
CMY	0.9216, 0.6471, 0.0941
CMYK	0.91, 0.61, 0.00, 0.09
HSL	220°, 84%, 49%
HSV	220°, 91%, 91%
XYZ	18.3685, 13.2306, 77.1869
YIQ	85.1440, -86.9810, 29.0110

Conversions

Conversions Part 2

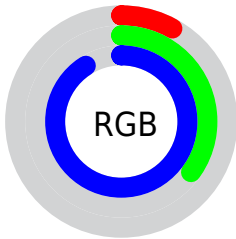
Format	Color
R_{YB}	20, 73, 231
Decimal	1333991
CIE _{Lab}	43.11, 34.30, -76.42
CIE _{LCh}	43, 83.763, 294.172
Yxy	13.2306, 0.1688, 0.1216
Android (android.graphics.Color)	4279524071 (0xFF145AE7)
YUV	85.1440, 71.9070, -57.1313
Hunter-Lab	36.3739, 26.4866, -100.3543

Details

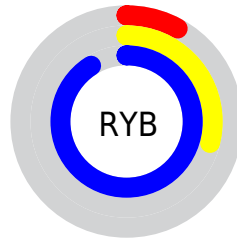
The Hex color **145AE7** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **E7A114**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **708BFF**, and **002EAE** is the 20% darker color. If you saturate the color by 10%, you get **004DE7**, and if you desaturate by 10%, it is **2B69E7**.

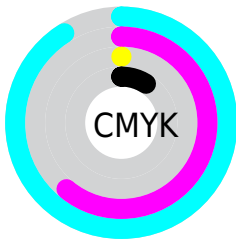
Distribution



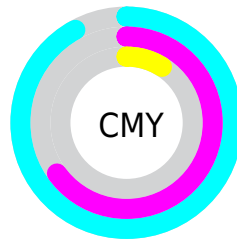
- Red (8%)
- Green (35%)
- Blue (91%)



- Red (8%)
- Yellow (29%)
- Blue (91%)



- Cyan (91%)
- Magenta (61%)
- Yellow (0%)
- Black (9%)



- Cyan (92%)
- Magenta (65%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 145AE7 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 145AE7 by changing the saturation by 10% instead.

 145AE7

 145AE7

FFFFFF

 0043CA

 708BFF

 002EAE

 91A6FF

 001B93

 B0C1FF

 000778

 D0DCFF

 000B5E

 EFF9FF

 000846

 00042E

 000119

 000000

■ 145AE7

■ 145AE7

■ 004DE7

■ 2B69E7

■ 4279E7

■ 5988E7

■ 7098E7

■ 88A7E7

■ 9FB7E7

■ B6C6E7

■ CDD5E7

■ E4E5E7

Harmonies

Analogous

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



0074F3



145AE7



A827B8

Triad

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



145AE7



B93A00



008056

Complementary

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



145AE7



E7A114

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.



007C00



145AE7



885F00

Square

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



145AE7



D60033



467200



00819D

Rectangle

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



145AE7



CB008D



467200



007F3D

Sweetspot

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



145AE7



BAD1FF



14E7A1



576480



000000



808080

Same Dimension

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



145AE7



0055FF



3714E7



676B73



003BB3



001133

Inverse Universe

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



E7145A



FF0055



C4E714



73676B



B3003B



330011

Previews

White Background



This preview shows how the Hex color 145AE7 looks on a white background.

Color Contrast Check

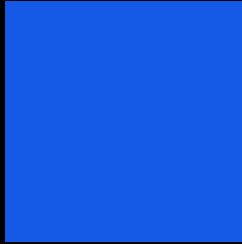
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 145AE7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

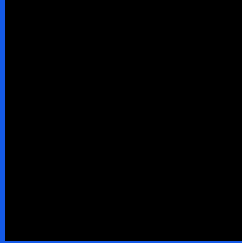
Any Text WCAG AA × Fail

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 145AE7 Background



This preview shows how black text looks on a background with the Hex color 145AE7.



This preview shows how white text looks on a background with the Hex color 145AE7.

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
145AE7

Protanopia
0061CE

Deuteranopia
0068B1



Trichromacy



Original Color
145AE7

Protanomaly
075ED7

Deuteranomaly
0763C5

Tritanomaly
0768A0

Monochromacy



Original Color
145AE7

Achromatopsia
555555

Achromatomaly
3D578A

CSS Examples

Text

The CSS property to change the color of the text to Hex 145AE7 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 #145AE7 looks like.

```
.text, #text, p{  
    color:#145AE7  
}
```

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 #145AE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #145AE7
}
```

Border

The CSS property to change the border of an element to Hex 145AE7 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
#145AE7 }
```

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

```
.border{ border-color:#145AE7 }
```

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

Here you see how a box with a 4 pixel #145AE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #145AE7; -webkit-box-shadow:4px 4px  
4px 4px #145AE7; box-shadow:4px 4px 4px  
4px #145AE7 }
```

Background

The CSS property to change the background color of an element to Hex 145AE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#145AE7 }
```

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

```
.background{ background-color:#145AE7 }
```

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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