

Converting Colors

Hex(185AE7)

Have a look what the booklet for
Hex(185AE7) contains.

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Color

Hex(185AE7)

Conversions

Conversions Part 1

Format	Color
Hex	185AE7
RGB	24, 90, 231
RGB Percent	9%, 35%, 91%
CMY	0.9059, 0.6471, 0.0941
CMYK	0.90, 0.61, 0.00, 0.09
HSL	221°, 81%, 50%
HSV	221°, 90%, 91%
XYZ	18.4567, 13.2760, 77.1911
YIQ	86.3400, -84.5970, 29.8590

Conversions

Conversions Part 2

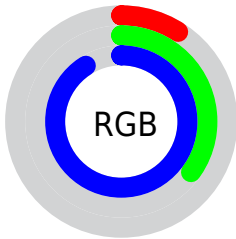
Format	Color
R_{YB}	24, 74, 231
Decimal	1596135
CIE _{Lab}	43.18, 34.47, -76.31
CIE _{LCh}	43, 83.730, 294.310
Yxy	13.2760, 0.1694, 0.1219
Android (android.graphics.Color)	4279786215 (0xFF185AE7)
YUV	86.3400, 71.3174, -54.6722
Hunter-Lab	36.4363, 26.6549, -100.1017

Details

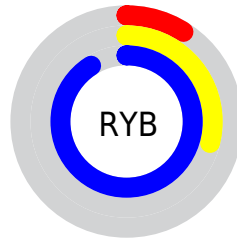
The Hex color **185AE7** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **E7A518**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **718BFF**, and **002EAE** is the 20% darker color. If you saturate the color by 10%, you get **014AE7**, and if you desaturate by 10%, it is **2F6AE7**.

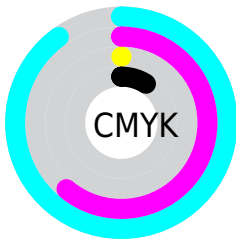
Distribution



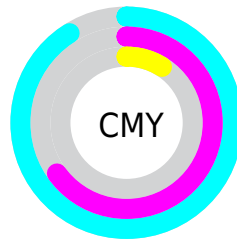
- Red (9%)
- Green (35%)
- Blue (91%)



- Red (9%)
- Yellow (29%)
- Blue (91%)



- Cyan (90%)
- Magenta (61%)
- Yellow (0%)
- Black (9%)



- Cyan (91%)
- Magenta (65%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 185AE7 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 185AE7 by changing the saturation by 10% instead.

 185AE7

 185AE7

FFFFFF

 0043CA

 718BFF

 002EAE

 92A6FF

 001B93

 B1C1FF

 000778

 D1DCFF

 000B5E

 F0F9FF

 000846

 00042E

 000119

 000000

■ 185AE7

■ 185AE7

■ 014AE7

■ 2F6AE7

■ 004AE7

■ 4679E7

■ 5D89E7

■ 7499E7

■ 8CA9E7

■ A3B8E7

■ BAC8E7

■ D1D8E7

■ E8E8E7

Harmonies

Analogous

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



0074F3



185AE7



A827B8

Triad

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



185AE7



B93A00



008056

Complementary

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



185AE7



E7A518

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



185AE7



885F00

Square

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



185AE7



D60033



467300



00819E

Rectangle

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



185AE7



CB008D



467300



007F3D

Sweetspot

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



185AE7



BAD0FF



18E7A2



576480



000000



808080

Same Dimension

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



185AE7



0051FF



3A18E7



676B73



0039B3



001033

Inverse Universe

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



E7185A



FF0051



C5E718



73676B



B30039



330010

Previews

White Background



This preview shows how the Hex color 185AE7 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 185AE7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

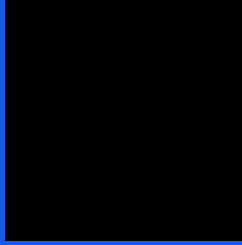
Any Text WCAG AA × Fail

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 185AE7 Background



This preview shows how black text looks on a background with the Hex color 185AE7.



This preview shows how white text looks on a background with the Hex color 185AE7.

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
185AE7

Protanomaly
095FD7

Deuteranomaly
0963C5

Tritanomaly
0968A0

Monochromacy



Original Color
185AE7

Achromatopsia
565656

Achromatomaly
3F578B

CSS Examples

Text

The CSS property to change the color of the text to Hex 185AE7 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 #185AE7 looks like.

```
.text, #text, p{  
    color:#185AE7  
}
```

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 #185AE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #185AE7
}
```

Border

The CSS property to change the border of an element to Hex 185AE7 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
#185AE7 }
```

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

```
.border{ border-color:#185AE7 }
```

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

Here you see how a box with a 4 pixel #185AE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #185AE7; -webkit-box-shadow:4px 4px  
4px 4px #185AE7; box-shadow:4px 4px 4px  
4px #185AE7 }
```

Background

The CSS property to change the background color of an element to Hex 185AE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#185AE7 }
```

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

```
.background{ background-color:#185AE7 }
```

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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