

Converting Colors

Hex(145DD6)

Have a look what the booklet for
Hex(145DD6) contains.

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Color

Hex(145DD6)

Conversions

Conversions Part 1

Format	Color
Hex	145DD6
RGB	20, 93, 214
RGB Percent	8%, 36%, 84%
CMY	0.9216, 0.6353, 0.1608
CMYK	0.91, 0.57, 0.00, 0.16
HSL	217°, 83%, 46%
HSV	217°, 91%, 84%
XYZ	16.3404, 12.8325, 65.2340
YIQ	84.9670, -82.3490, 22.1550

Conversions

Conversions Part 2

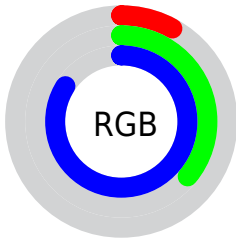
Format	Color
RYB	20, 73, 214
Decimal	1334742
CIELab	42.51, 25.82, -67.73
CIELCh	43, 72.482, 290.872
Yxy	12.8325, 0.1731, 0.1359
Android (android.graphics.Color)	4279524822 (0xFF145DD6)
YUV	84.9670, 63.6133, -56.9761
Hunter-Lab	35.8224, 18.7337, -82.8936

Details

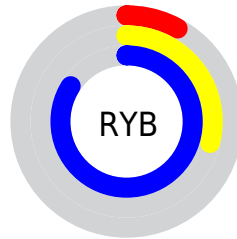
The Hex color **145DD6** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **D68D14**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6B8FFF**, and **00319E** is the 20% darker color. If you saturate the color by 10%, you get **0051D6**, and if you desaturate by 10%, it is **296AD6**.

Distribution



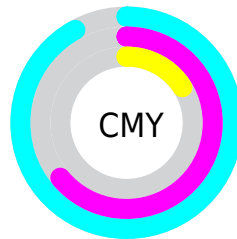
- Red (8%)
- Green (36%)
- Blue (84%)



- Red (8%)
- Yellow (29%)
- Blue (84%)



- Cyan (91%)
- Magenta (57%)
- Yellow (0%)
- Black (16%)



- Cyan (92%)
- Magenta (64%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 145DD6 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 145DD6 by changing the saturation by 10% instead.

■ 145DD6

■ 145DD6

FFFFFF

■ 0046BA

■ 6B8FFF

■ 00319E

■ 8BA9FF

■ 001E83

■ AAC4FF

■ 000769

■ C9E0FF

■ 000A50

■ E7FCFF

■ 000538

■ 000222

■ 000008

■ 000000

■ 145DD6

■ 145DD6

■ 0051D6

■ 296AD6

■ 3F78D6

■ 5485D6

■ 6A92D6

■ 7FA0D6

■ 94ADD6

■ AABAD6

■ BFC8D6

■ D5D5D6

Harmonies

Analogous

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



0072DC



145DD6



983AB1

Triad

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



145DD6



B33D00



007C4F

Complementary

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



145DD6



D68D14

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.



007804



145DD6



8A5B00

Square

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



145DD6



C9063E



536E00



007D8E

Rectangle

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



145DD6



B9178D



536E00



007B3A

Sweetspot

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



145DD6



BAD4FF



14D68C



576680



000000



808080

Same Dimension

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



145DD6



0060FF



2B14D6



60646B



0040AB



00102B

Inverse Universe

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



D6145D



FF0060



BFD614



6B6064



AB0040



2B0010

Previews

White Background



This preview shows how the Hex color 145DD6 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 145DD6 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 145DD6 Background



This preview shows how black text looks on a background with the Hex color 145DD6.



This preview shows how white text looks on a background with the Hex color 145DD6.

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
145DD6

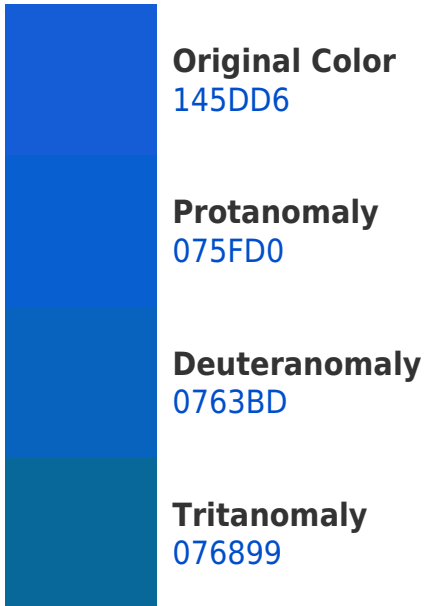
Protanopia
0060CC

Deuteranopia
0066AF



Tritanopia
006F76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 145DD6 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 #145DD6 looks like.

```
.text, #text, p{  
    color:#145DD6  
}
```

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 #145DD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #145DD6
}
```

Border

The CSS property to change the border of an element to Hex 145DD6 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
#145DD6 }
```

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

```
.border{ border-color:#145DD6 }
```

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

Here you see how a box with a 4 pixel #145DD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #145DD6; -webkit-box-shadow:4px 4px  
4px 4px #145DD6; box-shadow:4px 4px 4px  
4px #145DD6 }
```

Background

The CSS property to change the background color of an element to Hex 145DD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#145DD6 }
```

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

```
.background{ background-color:#145DD6 }
```

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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