

Converting Colors

Hex(145DC6)

Have a look what the booklet for
Hex(145DC6) contains.

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Color

Hex(145DC6)

Conversions

Conversions Part 1

Format	Color
Hex	145DC6
RGB	20, 93, 198
RGB Percent	8%, 36%, 78%
CMY	0.9216, 0.6353, 0.2235
CMYK	0.90, 0.53, 0.00, 0.22
HSL	215°, 82%, 43%
HSV	215°, 90%, 78%
XYZ	14.3959, 12.0546, 54.9941
YIQ	83.1430, -77.2130, 17.1790

Conversions

Conversions Part 2

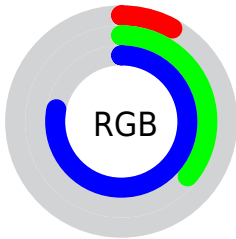
Format	Color
R_{YB}	20, 72, 198
Decimal	1334726
CIE _{Lab}	41.30, 19.53, -60.48
CIE _{LCh}	41, 63.552, 287.896
Yxy	12.0546, 0.1768, 0.1480
Android (android.graphics.Color)	4279524806 (0xFF145DC6)
YUV	83.1430, 56.6245, -55.3764
Hunter-Lab	34.7198, 13.2519, -69.6080

Details

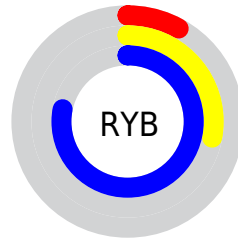
The Hex color **145DC6** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **C67D14**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **668FFF**, and **00318F** is the 20% darker color. If you saturate the color by 10%, you get **0051C6**, and if you desaturate by 10%, it is **2869C6**.

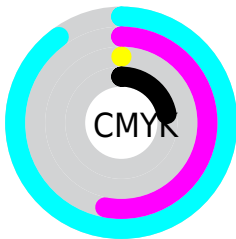
Distribution



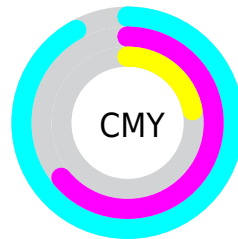
- Red (8%)
- Green (36%)
- Blue (78%)



- Red (8%)
- Yellow (28%)
- Blue (78%)



- Cyan (90%)
- Magenta (53%)
- Yellow (0%)
- Black (22%)



- Cyan (92%)
- Magenta (64%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 145DC6 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 145DC6 by changing the saturation by 10% instead.

 145DC6

 145DC6

FFFFFF

 0046AA

 668FFF

 00318F

 85A9FF

 001D75

 A4C4FF

 00035C

 C2E0FF

 000743

 E0FCFF

 00032C

 000116

 000000

 145DC6

 145DC6

■ 0051C6

■ 2869C6

■ 3C74C6

■ 4F80C6

■ 638CC6

■ 7797C6

■ 8BA3C6

■ 9FAFC6

■ B2BAC6

■ C6C6C6

Harmonies

Analogous

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



006EC8



145DC6



8942A8

Triad

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



145DC6



AA3E11



00774A

Complementary

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



145DC6



C67D14

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.



00720E



145DC6



885700

Square

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



145DC6



BB2045



596800



007880

Rectangle

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



145DC6



A92D8A



596800



007537

Sweetspot

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



145DC6



BAD6FF



14C67C



576780



000000



808080

Same Dimension

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



145DC6



0069FF



2314C6



5A5E63



0043A3



000F24

Inverse Universe

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



C6145D



FF0069



B7C614



635A5E



A30043



24000F

Previews

White Background



This preview shows how the Hex color 145DC6 looks on a white background.

Color Contrast Check

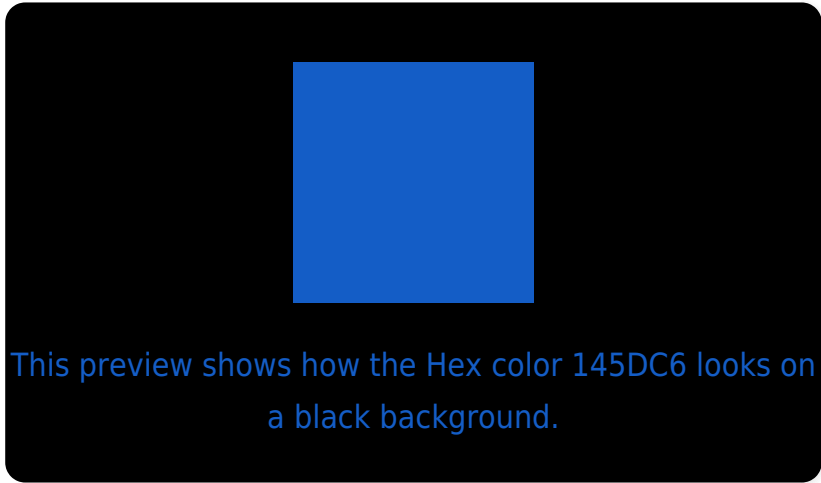
Large Text (above 18pt) WCAG AA ✓ Pass

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

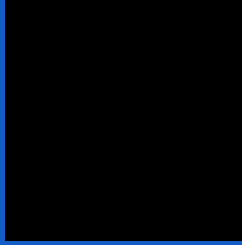
Any Text WCAG AA × Fail

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 145DC6 Background



This preview shows how black text looks on a background with the Hex color 145DC6.



This preview shows how white text looks on a background with the Hex color 145DC6.

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
145DC6

Protanomaly
0D5DC6

Tritanomaly
076791

Monochromacy



Original Color
145DC6

Achromatopsia
535353

Achromatomaly
3C577D

CSS Examples

Text

The CSS property to change the color of the text to Hex 145DC6 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 #145DC6 looks like.

```
.text, #text, p{  
    color:#145DC6  
}
```

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 #145DC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #145DC6
}
```

Border

The CSS property to change the border of an element to Hex 145DC6 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
#145DC6 }
```

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

```
.border{ border-color:#145DC6 }
```

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

Here you see how a box with a 4 pixel #145DC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #145DC6; -webkit-box-shadow:4px 4px  
4px 4px #145DC6; box-shadow:4px 4px 4px  
4px #145DC6 }
```

Background

The CSS property to change the background color of an element to Hex 145DC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#145DC6 }
```

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

```
.background{ background-color:#145DC6 }
```

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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