

# Converting Colors

Hex(145CCD)

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

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# Color

Hex(145CCD)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	145CCD
RGB	20, 92, 205
RGB Percent	8%, 36%, 80%
CMY	0.9216, 0.6392, 0.1961
CMYK	0.90, 0.55, 0.00, 0.20
HSL	217°, 82%, 44%
HSV	217°, 90%, 80%
XYZ	15.1351, 12.2108, 59.3168
YIQ	83.3540, -79.1850, 19.8790

# Conversions

## Conversions Part 2

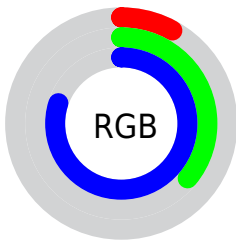
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	20, 72, 205
Decimal	1334477
CIE Lab	41.55, 22.95, -64.12
CIE LCh	42, 68.105, 289.696
Yxy	12.2108, 0.1746, 0.1409
Android (android.graphics.Color)	4279524557 (0xFF145CCD)
YUV	83.3540, 59.9715, -55.5615
Hunter-Lab	34.9439, 16.1608, -76.1831

# Details

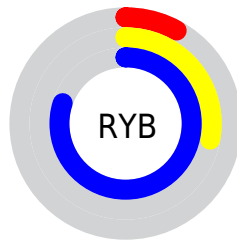
The Hex color **145CCD** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **CD8514**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **688DFF**, and **003096** is the 20% darker color. If you saturate the color by 10%, you get **0050CD**, and if you desaturate by 10%, it is **2869CD**.

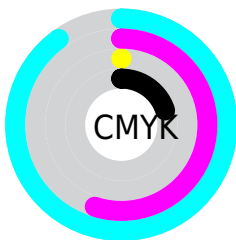
# Distribution



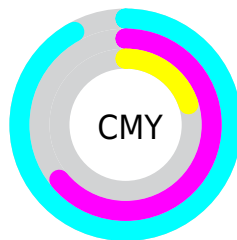
- Red (8%)
- Green (36%)
- Blue (80%)



- Red (8%)
- Yellow (28%)
- Blue (80%)



- Cyan (90%)
- Magenta (55%)
- Yellow (0%)
- Black (20%)



- Cyan (92%)
- Magenta (64%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



■ 145CCD

■ 145CCD

FFFFFF

■ 0045B1

■ 688DFF

■ 003096

■ 88A8FF

■ 001D7B

■ A6C3FF

■ 000362

■ C5DFFF

■ 000949

■ E4FBFF

■ 000431

■ 00011B

■ 000000

■ 145CCD

■ 145CCD

■ 0050CD

■ 2869CD

■ 3D75CD

■ 5182CD

■ 668ECD

■ 7A9BCD

■ 8FA7CD

■ A3B4CD

■ B8C0CD

■ CDCDCD

# Harmonies

## Analogous

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



006FD2



145CCD



903DAB

# Triad

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



145CCD



AD3D03



00784C

# Complementary

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



145CCD



CD8514

# 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.



007408



145CCD



885900

# Square

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



145CCD



C11540



556A00



007A86

# Rectangle

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



145CCD



B0228A



556A00



007738



# Sweetspot

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



145CCD



BAD5FF



14CD83



576780



000000



808080



# Same Dimension

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



145CCD



0063FF



2614CD



5C6066



0041A6



000F26



# Inverse Universe

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



CD145C



FF0063



BBCD14



665C60



A60041



26000F



# Previews

## White Background



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

### Color Contrast Check

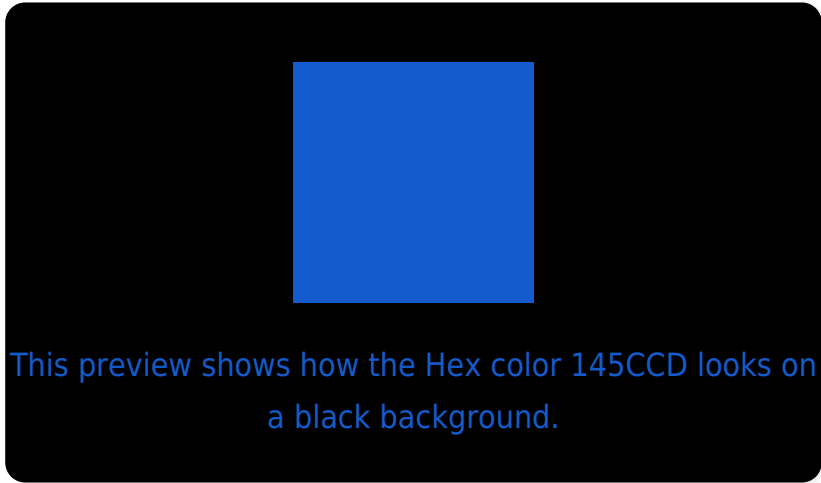
Large Text (above 18pt) WCAG AA ✓ Pass

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

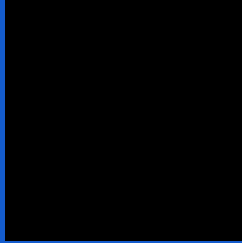
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

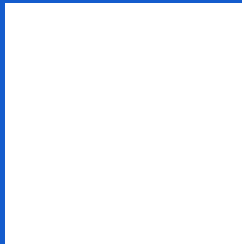
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 145CCD Background



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



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

# 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**  
145CCD

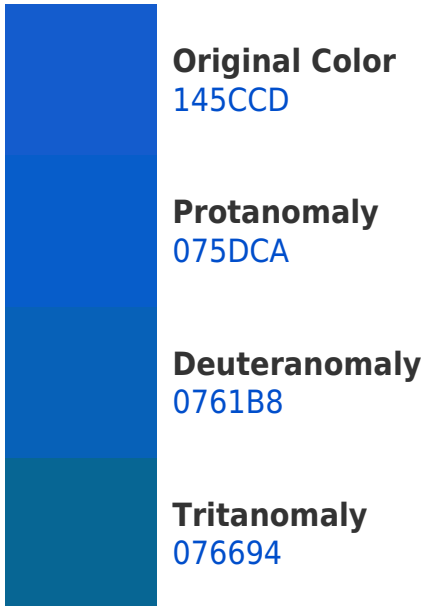
**Protanopia**  
005EC8

**Deuteranopia**  
0064AC

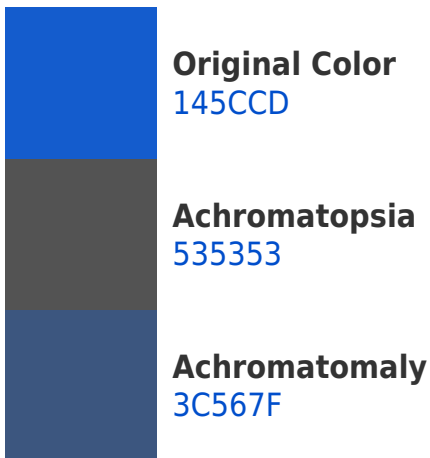


**Tritanopia**  
006C73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #145CCD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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