

Converting Colors

Hex(135DCD)

Have a look what the booklet for
Hex(135DCD) contains.

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Color

Hex(135DCD)

Conversions

Conversions Part 1

Format	Color
Hex	135DCD
RGB	19, 93, 205
RGB Percent	7%, 36%, 80%
CMY	0.9255, 0.6353, 0.1961
CMYK	0.91, 0.55, 0.00, 0.20
HSL	216°, 83%, 44%
HSV	216°, 91%, 80%
XYZ	15.2024, 12.3749, 59.3450
YIQ	83.6420, -80.0560, 19.1440

Conversions

Conversions Part 2

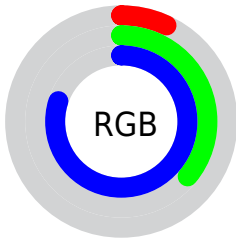
Format	Color
R _Y B	19, 72, 205
Decimal	1269197
CIE Lab	41.81, 22.25, -63.70
CIE LCh	42, 67.477, 289.251
Yxy	12.3749, 0.1749, 0.1424
Android (android.graphics.Color)	4279459277 (0xFF135DCD)
YUV	83.6420, 59.8295, -56.6910
Hunter-Lab	35.1780, 15.5781, -75.3970

Details

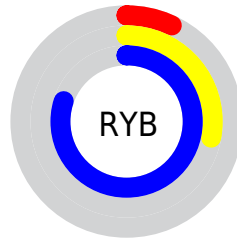
The Hex color **135DCD** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **CD8313**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **688FFF**, and **003196** is the 20% darker color. If you saturate the color by 10%, you get **0052CD**, and if you desaturate by 10%, it is **2769CD**.

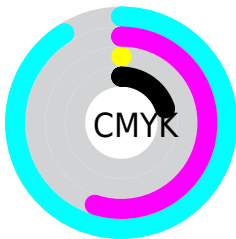
Distribution



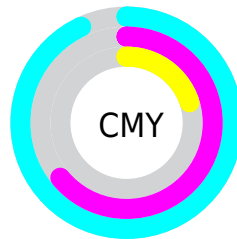
- Red (7%)
- Green (36%)
- Blue (80%)



- Red (7%)
- Yellow (28%)
- Blue (80%)



- Cyan (91%)
- Magenta (55%)
- Yellow (0%)
- Black (20%)



- Cyan (93%)
- Magenta (64%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 135DCD 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 135DCD by changing the saturation by 10% instead.

 135DCD

 135DCD

FFFFFF

 0046B1

 688FFF

 003196

 87A9FF

 001D7B

 A6C4FF

 000562

 C5E0FF

 000949

 E3FCFF

 000431

 00011B

 000000

 135DCD

 135DCD

0052CD

2769CD

3C76CD

5182CD

658ECD

7A9BCD

8EA7CD

A3B3CD

B7C0CD

CCCCCD

Harmonies

Analogous

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



006FD1



135DCD



8F3FAC

Triad

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



135DCD



AE3D06



00794C

Complementary

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



135DCD



CD8313

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.



007409



135DCD



895900

Square

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



135DCD



C11842



576B00



007A86

Rectangle

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



135DCD



B0258B



576B00



007838

Sweetspot

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



135DCD



BAD6FF



13CD83



576780



000000



808080

Same Dimension

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



135DCD



0065FF



2613CD



5C6066



0042A6



000F26

Inverse Universe

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



CD135D



FF0065



BACD13



665C60



A60042



26000F

Previews

White Background



This preview shows how the Hex color 135DCD looks on a white background.

Color Contrast Check

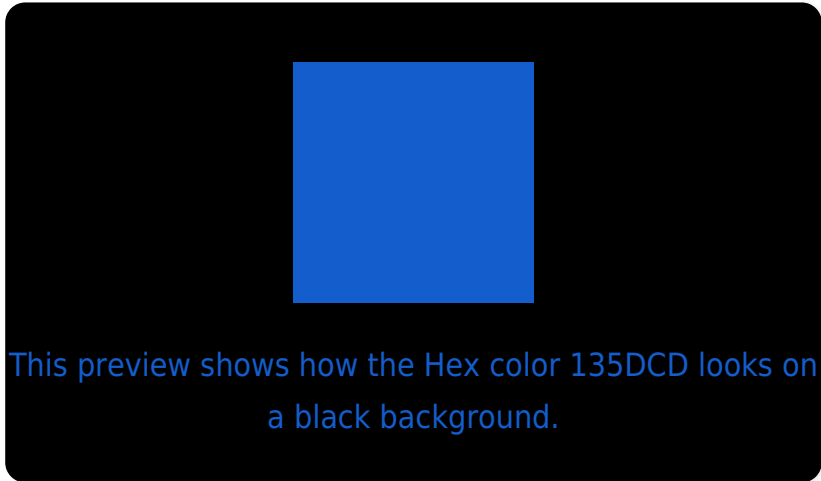
Large Text (above 18pt) WCAG AA ✓ Pass

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

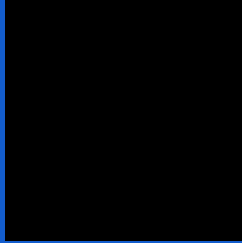
Any Text WCAG AA × Fail

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 135DCD Background



This preview shows how black text looks on a background with the Hex color 135DCD.



This preview shows how white text looks on a background with the Hex color 135DCD.

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
135DCD

Protanopia
005EC9

Deuteranopia
0065AD

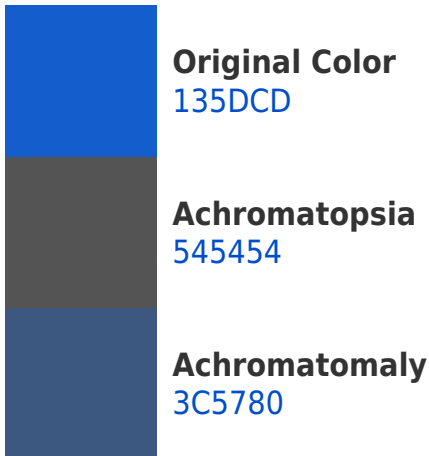


Tritanopia
006D74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 135DCD 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 #135DCD looks like.

```
.text, #text, p{  
    color:#135DCD  
}
```

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 #135DCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #135DCD
}
```

Border

The CSS property to change the border of an element to Hex 135DCD 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
#135DCD }
```

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

```
.border{ border-color:#135DCD }
```

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

Here you see how a box with a 4 pixel #135DCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #135DCD; -webkit-box-shadow:4px 4px  
4px 4px #135DCD; box-shadow:4px 4px 4px  
4px #135DCD }
```

Background

The CSS property to change the background color of an element to Hex 135DCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#135DCD }
```

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

```
.background{ background-color:#135DCD }
```

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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