

Converting Colors

Hex(D435B0)

Have a look what the booklet for
Hex(D435B0) contains.

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Color

Hex(D435B0)

Conversions

Conversions Part 1

Format	Color
Hex	D435B0
RGB	212, 53, 176
RGB Percent	83%, 21%, 69%
CMY	0.1686, 0.7922, 0.3098
CMYK	0.00, 0.75, 0.17, 0.17
HSL	314°, 65%, 52%
HSV	314°, 75%, 83%
XYZ	36.2610, 19.6778, 42.9613
YIQ	114.5630, 55.2810, 71.9610

Conversions

Conversions Part 2

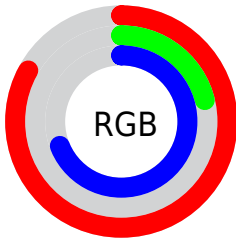
Format	Color
R _Y B	212, 53, 176
Decimal	13907376
CIE Lab	51.47, 71.81, -30.36
CIE LCh	51, 77.967, 337.082
Yxy	19.6778, 0.3666, 0.1990
Android (android.graphics.Color)	4292097456 (0xFFD435B0)
YUV	114.5630, 30.2884, 85.4522
Hunter-Lab	44.3597, 68.2817, -26.3692

Details

The Hex color **D435B0** is a light color, and the websafe version is hex **CC0099**. The color can be described as light muted rose. A complement of this color would be **35D459**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF73E8**, and **99007B** is the 20% darker color. If you saturate the color by 10%, you get **D420AB**, and if you desaturate by 10%, it is **D44AB5**.

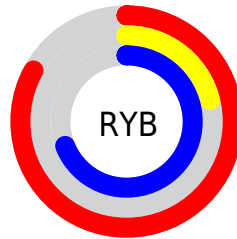
Distribution



Red (83%)

Green (21%)

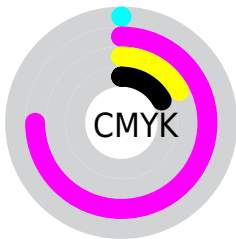
Blue (69%)



Red (83%)

Yellow (21%)

Blue (69%)

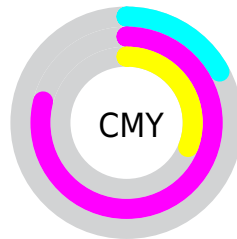


Cyan (0%)

Magenta (75%)

Yellow (17%)

Black (17%)



Cyan (17%)

Magenta (79%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color D435B0 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 D435B0 by changing the saturation by 10% instead.

 D435B0

 D435B0

FFFFFF

 B60095

 FF73E8

 99007B

 FF90FF

 7C0062

 FFADFF

 60004A

 FFCBFF

 460033

 FFE9FF

 29001D

 000000

 D435B0

 D435B0

 D420AB

 D44AB5

 D40BA6

 D45FBA

 D400A4

 D475BE

 D48AC3

 D49FC8

 D4B4CD

 D4C9D2

 D4DFD6

 D4F4DB

Harmonies

Analogous

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



8C60E6



D435B0



ED166E

Triad

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



D435B0



877D00



0096CA

Complementary

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



D435B0



35D459

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.



009789



D435B0



3B8C00

Square

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



D435B0



BD6300



009443



008FF6

Rectangle

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



D435B0



E92E43



009443



0097B6

Sweetspot

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



D435B0



FFC4F2



5735D4



805C77



000000



808080

Same Dimension

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



D435B0



FF19CB



D43562



6B6069



AB0084



2B0022

Inverse Universe

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



D435B0



FF19CB



35D4A7



6B6069



AB0084



2B0022

Previews

White Background



This preview shows how the Hex color D435B0 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

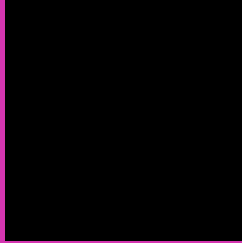
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex D435B0 Background



This preview shows how black text looks on a background with the Hex color D435B0.

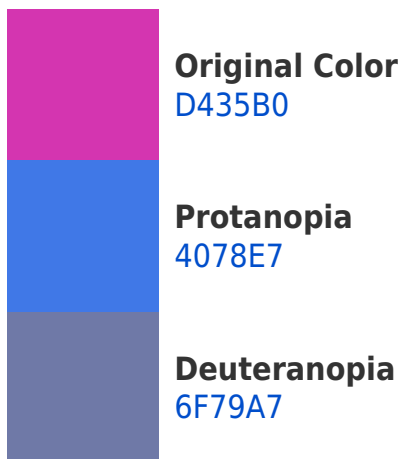


This preview shows how white text looks on a background with the Hex color D435B0.

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
D435B0



Protanomaly
7660D3



Deuteranomaly
9460AA

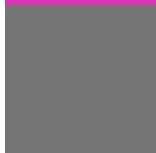


Tritanomaly
CF4878

Monochromacy



Original Color
D435B0



Achromatopsia
737373



Achromatomaly
965C89

CSS Examples

Text

The CSS property to change the color of the text to Hex D435B0 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 #D435B0 looks like.

```
.text, #text, p{  
    color:#D435B0  
}
```

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 #D435B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D435B0
}
```

Border

The CSS property to change the border of an element to Hex D435B0 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
#D435B0 }
```

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

```
.border{ border-color:#D435B0 }
```

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

Here you see how a box with a 4 pixel #D435B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D435B0; -webkit-box-shadow:4px 4px  
4px 4px #D435B0; box-shadow:4px 4px 4px  
4px #D435B0 }
```

Background

The CSS property to change the background color of an element to Hex D435B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D435B0 }
```

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

```
.background{ background-color:#D435B0 }
```

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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