

# Converting Colors

Hex(D15CBD)

Have a look what the booklet for  
Hex(D15CBD) contains.

|  |    |
|--|----|
| <b>Hex(D15CBD)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Hex(D15CBD)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | D15CBD                     |
| RGB         | 209, 92, 189               |
| RGB Percent | 82%, 36%, 74%              |
| CMY         | 0.1804, 0.6392, 0.2588     |
| CMYK        | 0.00, 0.56, 0.10, 0.18     |
| HSL         | 310°, 56%, 59%             |
| HSV         | 310°, 56%, 82%             |
| XYZ         | 39.3069, 24.8837, 50.8754  |
| YIQ         | 138.0410, 38.5950, 54.9710 |

# Conversions

## Conversions Part 2

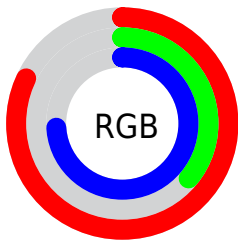
| <b>Format</b>                       | <b>Color</b>   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">209, 92, 189</a>                                 |
| Decimal                             | <a href="#">13720765</a>                                     |
| CIELab                              | <a href="#">56.96, 58.03, -29.40</a>                         |
| CIELCh                              | <a href="#">57, 65.049, 333.131</a>                          |
| Yxy                                 | <a href="#">24.8837, 0.3416, 0.2163</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4291910845</a><br>( <a href="#">0xFFD15CBD</a> ) |
| YUV                                 | <a href="#">138.0410, 25.1228, 62.2310</a>                   |
| Hunter-Lab                          | <a href="#">49.8836, 53.3570, -25.5504</a>                   |

# Details

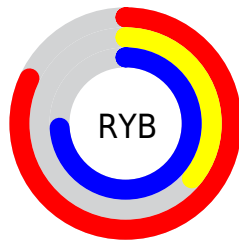
The Hex color **D15CBD** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **5CD170**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF93F6**, and **982187** is the 20% darker color. If you saturate the color by 10%, you get **D147B9**, and if you desaturate by 10%, it is **D171C1**.

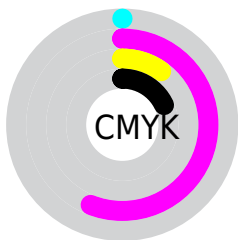
# Distribution



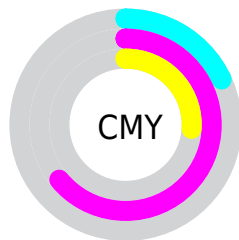
- Red (82%)
- Green (36%)
- Blue (74%)



- Red (82%)
- Yellow (36%)
- Blue (74%)



- Cyan (0%)
- Magenta (56%)
- Yellow (10%)
- Black (18%)



- Cyan (18%)
- Magenta (64%)
- Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the Hex color D15CBD 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 D15CBD by changing the saturation by 10% instead.



 D15CBD

 D15CBD

FFFFFF

 B440A2

 FF93F6

 982187

 FFAFFF

 7C006E

 FFCCFF

 610055

 FFE9FF

 46003D

 2E0027

 000010

 000000

 D15CBD

 D15CBD

 D147B9

 D171C1

 D132B6

 D186C4

 D11DB2

 D19BC8

 D108AF

 D1B0CB

 D100AD

 D1C4CF

 D1D9D2

 D1EED6

 D1FFDA

 D1FFDD

# Harmonies

## Analogous

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



9077E8



D15CBD



EC4D85

# Triad

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



D15CBD



9E8800



00A2C5

# Complementary

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



D15CBD



5CD170

# 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.



00A38D



D15CBD



64971A

# Square

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



D15CBD



CB721B



009F52



009CEE

# Rectangle

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



D15CBD



EC5360



009F52



00A3B4



# Sweetspot

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



D15CBD



FFD4F8



6F5CD1



80667B



000000



808080



# Same Dimension

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



D15CBD



FF54E2



D15C83



695E67



A8008C



290022



# Inverse Universe

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



D15CBD



FF54E2



5CD1AA



695E67



A8008C



290022



# Previews

## White Background



This preview shows how the Hex color D15CBD 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 D15CBD Background



This preview shows how black text looks on a background with the Hex color D15CBD.

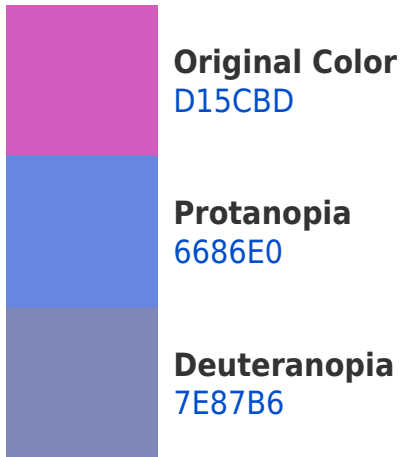


This preview shows how white text looks on a background with the Hex color D15CBD.

# 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](#).

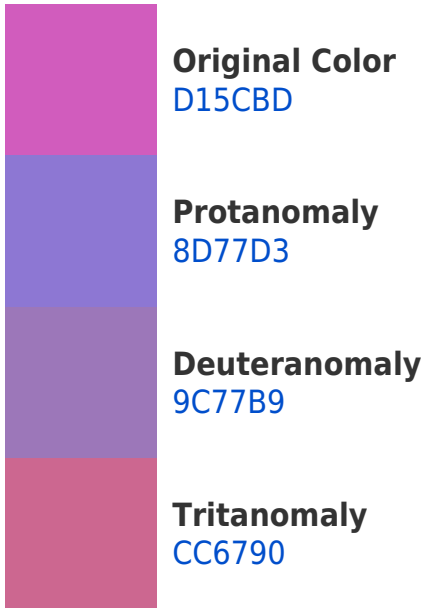
## Dichromacy





**Tritanopia**  
C96E76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D15CBD 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 #D15CBD looks like.

```
.text, #text, p{  
    color:#D15CBD  
}
```

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 #D15CBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D15CBD
}
```

## Border

The CSS property to change the border of an element to Hex D15CBD 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
#D15CBD }
```

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

```
.border{ border-color:#D15CBD }
```

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

Here you see how a box with a 4 pixel #D15CBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D15CBD; -webkit-box-shadow:4px 4px  
4px 4px #D15CBD; box-shadow:4px 4px 4px  
4px #D15CBD }
```

# Background

The CSS property to change the background color of an element to Hex D15CBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D15CBD }
```

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

```
.background{ background-color:#D15CBD }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor