

# Converting Colors

Hex(D15AED)

Have a look what the booklet for  
Hex(D15AED) contains.

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# Color

**Hex(D15AED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D15AED
RGB	209, 90, 237
RGB Percent	82%, 35%, 93%
CMY	0.1804, 0.6471, 0.0706
CMYK	0.12, 0.62, 0.00, 0.07
HSL	289°, 80%, 64%
HSV	289°, 62%, 93%
XYZ	45.2367, 26.9821, 82.9446
YIQ	142.3390, 23.7370, 70.9450

# Conversions

## Conversions Part 2

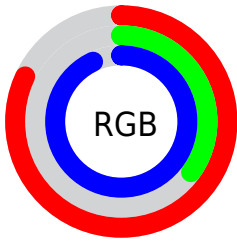
Format	Color
R <sub>Y</sub> B	209, 90, 237
Decimal	13720301
CIE Lab	58.96, 67.29, -53.42
CIE LCh	59, 85.914, 321.553
Yxy	26.9821, 0.2915, 0.1739
Android (android.graphics.Color)	4291910381 (0xFFD15AED)
YUV	142.3390, 46.6679, 58.4617
Hunter-Lab	51.9443, 64.5479, -58.3133

# Details

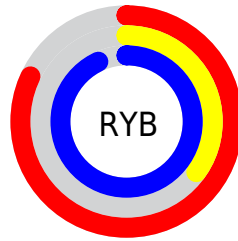
The Hex color **D15AED** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **76ED5A**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF92FF**, and **971AB4** is the 20% darker color. If you saturate the color by 10%, you get **CC42ED**, and if you desaturate by 10%, it is **D672ED**.

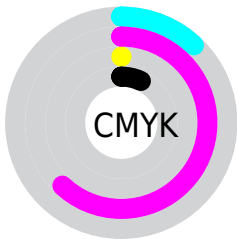
# Distribution



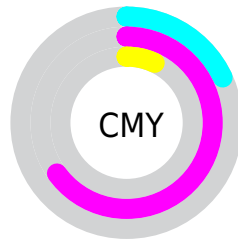
- Red (82%)
- Green (35%)
- Blue (93%)



- Red (82%)
- Yellow (35%)
- Blue (93%)



- Cyan (12%)
- Magenta (62%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (65%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D15AED 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 D15AED by changing the saturation by 10% instead.



 D15AED

FFFFFF

 FF92FF

 FFAFFF

 FFCCFF

 FFE9FF

 D15AED

 B43DD0

 971AB4

 7B0099

 5F007E

 430065

 29004C

 000034

 00021E

 000000

 D15AED

 D15AED

 CC42ED

 D672ED

 C82BED

 DA89ED

 C313ED

 DFA1ED

 C000ED

 E3B9ED

 E8D1ED

 ECE8ED

 F1FFED

 F5FFED

 FAFFED

# Harmonies

## Analogous

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



4784FF



D15AED



FF28A7

# Triad

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



D15AED



BD8300



00AEC4

# Complementary

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



D15AED



76ED5A

# 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.



00AD75



D15AED



789A00

# Square

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



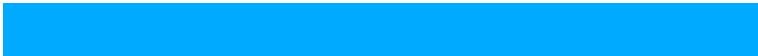
D15AED



F25F06



00A720



00AAFF

# Rectangle

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



D15AED



FF2274



00A720



00AEAA



# Sweetspot

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



D15AED



F6CFFF



5A77ED



7A6280



000000



808080



# Same Dimension

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



D15AED



DB42FF



ED5AC1



736A75



9300B5



2B0036



# Inverse Universe

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



ED5A76



FF4266



5AED86



756A6C



B50022

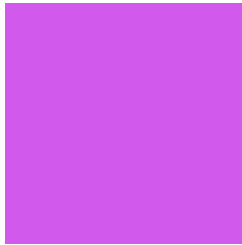


36000A



# Previews

## White Background



This preview shows how the Hex color D15AED looks on a white background.

## Color Contrast Check

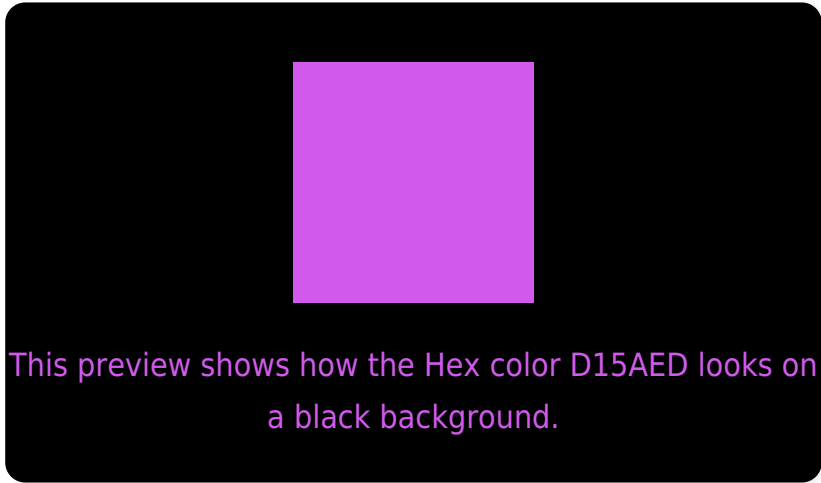
Large Text (above 18pt) WCAG AA ✓ Pass

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

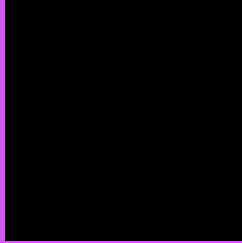
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D15AED Background



This preview shows how black text looks on a background with the Hex color D15AED.

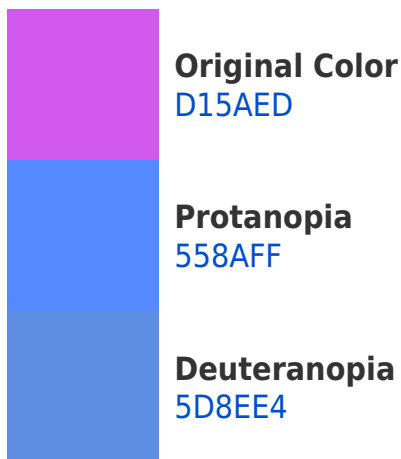


This preview shows how white text looks on a background with the Hex color D15AED.

# 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](#).

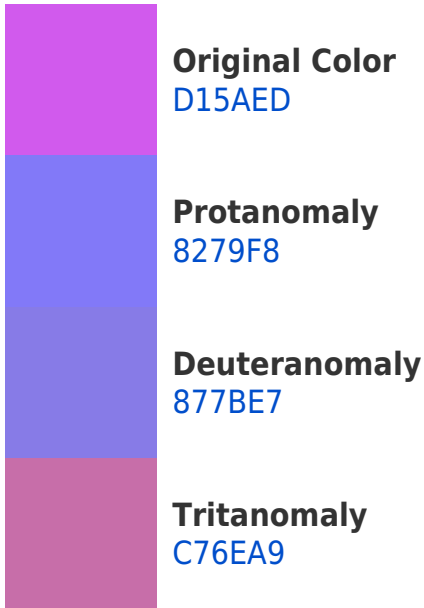
## Dichromacy



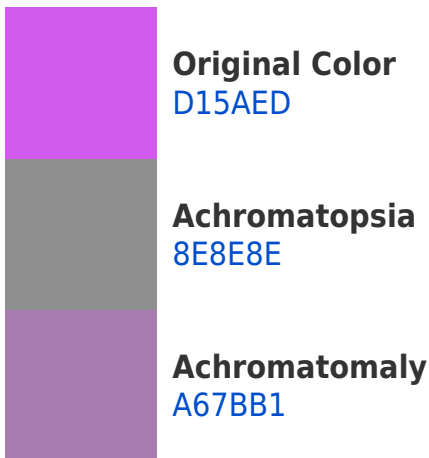


**Tritanopia**  
C27982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D15AED 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 #D15AED looks like.

```
.text, #text, p{  
    color:#D15AED  
}
```

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 #D15AED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D15AED
}
```

## Border

The CSS property to change the border of an element to Hex D15AED 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
#D15AED }
```

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

```
.border{ border-color:#D15AED }
```

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

Here you see how a box with a 4 pixel #D15AED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D15AED; -webkit-box-shadow:4px 4px  
4px 4px #D15AED; box-shadow:4px 4px 4px  
4px #D15AED }
```

# Background

The CSS property to change the background color of an element to Hex D15AED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D15AED }
```

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

```
.background{ background-color:#D15AED }
```

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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