

# Converting Colors

Hex(DD15FD)

Have a look what the booklet for  
Hex(DD15FD) contains.

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# Color

**Hex(DD15FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD15FD
RGB	221, 21, 253
RGB Percent	87%, 8%, 99%
CMY	0.1333, 0.9176, 0.0078
CMYK	0.13, 0.92, 0.00, 0.01
HSL	292°, 98%, 54%
HSV	292°, 92%, 99%
XYZ	47.8166, 23.0003, 94.8478
YIQ	107.2480, 44.7280, 114.5520

# Conversions

## Conversions Part 2

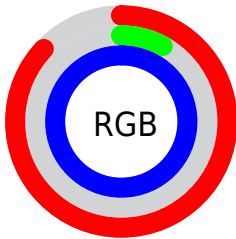
Format	Color
R <sub>Y</sub> B	221, 21, 253
Decimal	14489085
CIE Lab	55.07, 91.32, -68.47
CIE LCh	55, 114.135, 323.137
Yxy	23.0003, 0.2886, 0.1388
Android (android.graphics.Color)	4292679165 (0xFFDD15FD)
YUV	107.2480, 71.8557, 99.7605
Hunter-Lab	47.9587, 94.0435, -83.6867

# Details

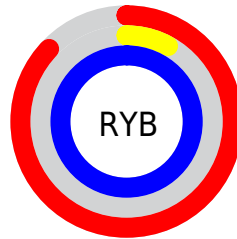
The Hex color **DD15FD** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light washed magenta. A complement of this color would be **35FD15**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF68FF**, and **A000C3** is the 20% darker color. If you saturate the color by 10%, you get **DA00FD**, and if you desaturate by 10%, it is **E02EFD**.

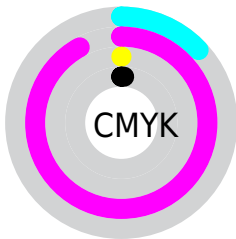
# Distribution



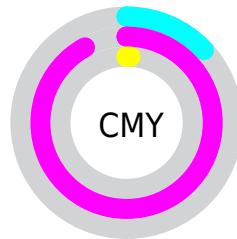
- Red (87%)
- Green (8%)
- Blue (99%)



- Red (87%)
- Yellow (8%)
- Blue (99%)



- Cyan (13%)
- Magenta (92%)
- Yellow (0%)
- Black (1%)



- Cyan (13%)
- Magenta (92%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD15FD 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 DD15FD by changing the saturation by 10% instead.



 DD15FD

 DD15FD

FFFFFF

 BE00E0

 FF68FF

 A000C3

 FF87FF

 8200A7

 FFA6FF

 64008C

 FFC4FF

 470072

 FFE3FF

 270058

 00003F

 000328

 000112

■ DD15FD

■ DD15FD

■ DA00FD

■ E02EFD

■ E448FD

■ E761FD

■ EB7AFD

■ EE93FD

■ F2ADFD

■ F5C6FD

■ F9DFFD

■ FCF9FD

# Harmonies

## Analogous

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



0075FF



DD15FD



FF009F

# Triad

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



DD15FD



B47900



00A9D0

# Complementary

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



DD15FD



35FD15

# 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.



00A769



DD15FD



539500

# Square

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



DD15FD



F83B00



00A200



00A7FF

# Rectangle

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



DD15FD



FF005F



00A200



00A9AF



# Sweetspot

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



DD15FD



F5B8FF



1538FD



7A5480



000000



808080



# Same Dimension

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



DD15FD



DC00FF



FD15AC



7E7380



A500BF



370040



# Inverse Universe

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



FD1535



FF0023



15FD66



807375



BF001A



400009



# Previews

## White Background



This preview shows how the Hex color DD15FD looks on a white background.

## Color Contrast Check

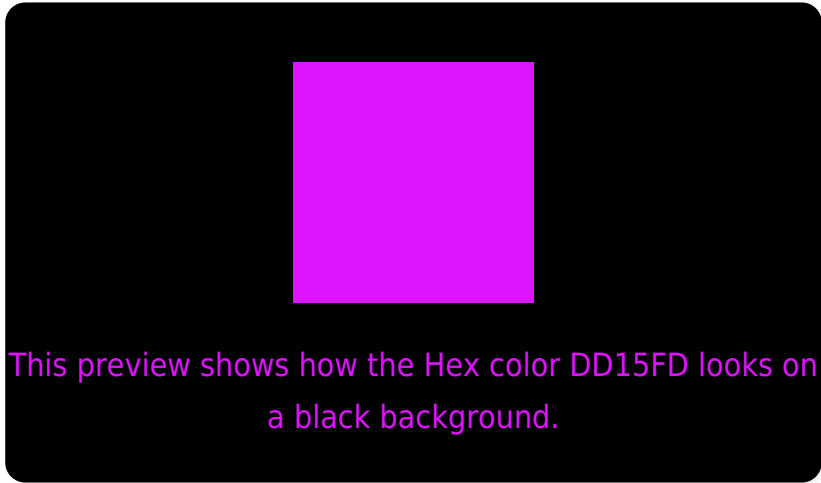
Large Text (above 18pt) WCAG AA ✓ Pass

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

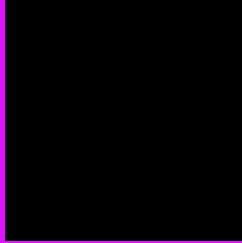
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex DD15FD Background



This preview shows how black text looks on a background with the Hex color DD15FD.

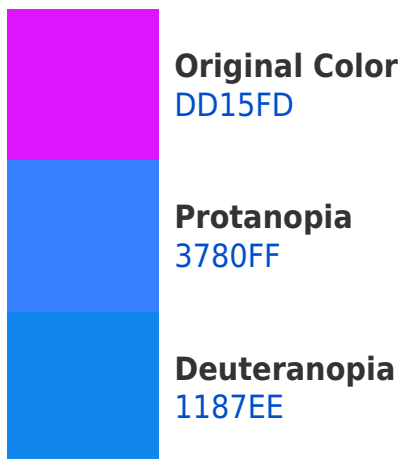


This preview shows how white text looks on a background with the Hex color DD15FD.

# 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**  
DD15FD



**Protanomaly**  
7359FE



**Deuteranomaly**  
5B5EF3



**Tritanomaly**  
D147A1

# Monochromacy



**Original Color**  
DD15FD



**Achromatopsia**  
6B6B6B



**Achromatomaly**  
944CA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD15FD 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 #DD15FD looks like.

```
.text, #text, p{  
    color:#DD15FD  
}
```

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 #DD15FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD15FD
}
```

## Border

The CSS property to change the border of an element to Hex DD15FD 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
#DD15FD }
```

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

```
.border{ border-color:#DD15FD }
```

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

Here you see how a box with a 4 pixel #DD15FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD15FD; -webkit-box-shadow:4px 4px  
4px 4px #DD15FD; box-shadow:4px 4px 4px  
4px #DD15FD }
```

# Background

The CSS property to change the background color of an element to Hex DD15FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD15FD }
```

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

```
.background{ background-color:#DD15FD }
```

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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