

Converting Colors

Hex(D62BFF)

Have a look what the booklet for
Hex(D62BFF) contains.

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Color

Hex(D62BFF)

Conversions

Conversions Part 1

Format	Color
Hex	D62BFF
RGB	214, 43, 255
RGB Percent	84%, 17%, 100%
CMY	0.1608, 0.8314, 0.0000
CMYK	0.16, 0.83, 0.00, 0.00
HSL	288°, 100%, 58%
HSV	288°, 83%, 100%
XYZ	46.6454, 23.2439, 96.6358
YIQ	118.2970, 33.8640, 102.1840

Conversions

Conversions Part 2

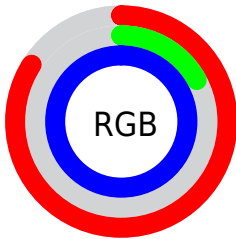
Format	Color
R _Y B	214, 43, 255
Decimal	14035967
CIE Lab	55.32, 86.97, -69.23
CIE LCh	55, 111.157, 321.478
Yxy	23.2439, 0.2801, 0.1396
Android (android.graphics.Color)	4292226047 (0xFFD62BFF)
YUV	118.2970, 67.3946, 83.9315
Hunter-Lab	48.2119, 88.3294, -85.0923

Details

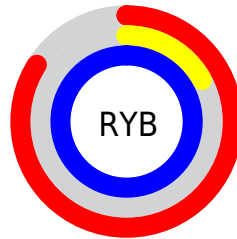
The Hex color **D62BFF** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **54FF2B**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF70FF**, and **9A00C5** is the 20% darker color. If you saturate the color by 10%, you get **D112FF**, and if you desaturate by 10%, it is **DB45FF**.

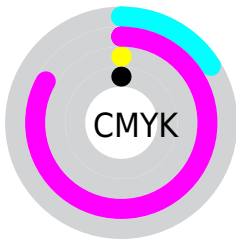
Distribution



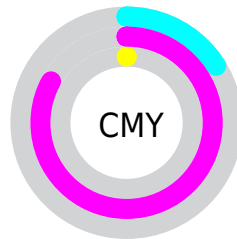
- Red (84%)
- Green (17%)
- Blue (100%)



- Red (84%)
- Yellow (17%)
- Blue (100%)



- Cyan (16%)
- Magenta (83%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (83%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color D62BFF 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 D62BFF by changing the saturation by 10% instead.

 D62BFF

 D62BFF

FFFFFF

 B800E2

 FF70FF

 9A00C5

 FF8FFF

 7C00A9

 FFADFF

 5E008E

 FFCBFF

 400073

 FFE9FF

 20005A

 000041

 00032A

 000114

 D62BFF

 D62BFF

 D112FF

 DB45FF

 CE00FF

 E05EFF

 E578FF

 EA91FF

 EFABFF

 F4C4FF

 F9DEFF

 FDF7FF

FFFFFF

Harmonies

Analogous

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



0079FF



D62BFF



FF00A4

Triad

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



D62BFF



B87700



00A9C9

Complementary

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



D62BFF



54FF2B

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.



00A765



D62BFF



5D9400

Square

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



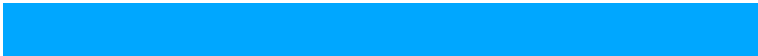
D62BFF



FA3A00



00A100



00A7FF

Rectangle

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



D62BFF



FF0065



00A100



00A9A9

Sweetspot

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



D62BFF



F3BFFF



2B55FF



785980



000000



808080

Same Dimension

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



D62BFF



CE00FF



FF2BBF



7D7380



9A00BF



330040

Inverse Universe

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



FF2B54



FF0031



2BFF6B



807375



BF0025



40000C

Previews

White Background



This preview shows how the Hex color D62BFF looks on a white background.

Color Contrast Check

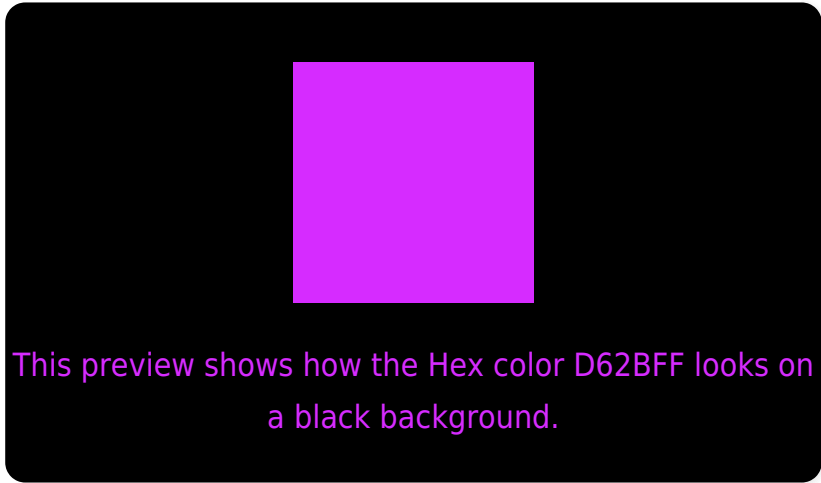
Large Text (above 18pt) WCAG AA ✓ Pass

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

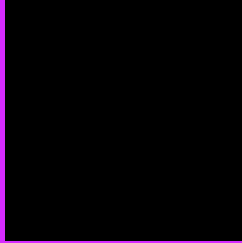
Any Text WCAG AA ✓ Pass

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 D62BFF Background



This preview shows how black text looks on a background with the Hex color D62BFF.




This preview shows how white text looks on a background with the Hex color D62BFF.

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
C36A71

Trichromacy



Original Color
D62BFF



Protanomaly
7162FF



Deuteranomaly
4E66F5



Tritanomaly
CA53A5

Monochromacy



Original Color
D62BFF



Achromatopsia
767676



Achromatomaly
995BA8

CSS Examples

Text

The CSS property to change the color of the text to Hex D62BFF 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 #D62BFF looks like.

```
.text, #text, p{  
    color:#D62BFF  
}
```

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 #D62BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D62BFF
}
```

Border

The CSS property to change the border of an element to Hex D62BFF 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
#D62BFF }
```

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

```
.border{ border-color:#D62BFF }
```

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

Here you see how a box with a 4 pixel #D62BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D62BFF; -webkit-box-shadow:4px 4px  
4px 4px #D62BFF; box-shadow:4px 4px 4px  
4px #D62BFF }
```

Background

The CSS property to change the background color of an element to Hex D62BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D62BFF }
```

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

```
.background{ background-color:#D62BFF }
```

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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