

Converting Colors

Hex(D20DDE)

Have a look what the booklet for
Hex(D20DDE) contains.

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Color

Hex(D20DDE)

Conversions

Conversions Part 1

Format	Color
Hex	D20DDE
RGB	210, 13, 222
RGB Percent	82%, 5%, 87%
CMY	0.1765, 0.9490, 0.1294
CMYK	0.05, 0.94, 0.00, 0.13
HSL	297°, 89%, 46%
HSV	297°, 94%, 87%
XYZ	39.9071, 19.2634, 70.7221
YIQ	95.7290, 50.3230, 106.7630

Conversions

Conversions Part 2

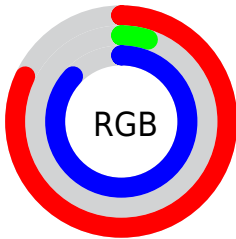
Format	Color
R_{YB}	210, 13, 222
Decimal	13766110
CIE _{Lab}	50.99, 85.64, -57.70
CIE _{LCh}	51, 103.261, 326.030
Yxy	19.2634, 0.3072, 0.1483
Android (android.graphics.Color)	4291956190 (0xFFD20DDE)
YUV	95.7290, 62.2516, 100.2157
Hunter-Lab	43.8901, 85.4935, -64.8136

Details

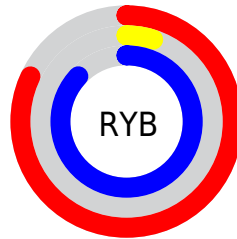
The Hex color **D20DDE** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **19DE0D**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF62FF**, and **9600A6** is the 20% darker color. If you saturate the color by 10%, you get **D100DE**, and if you desaturate by 10%, it is **D323DE**.

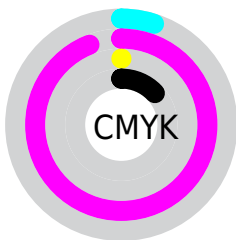
Distribution



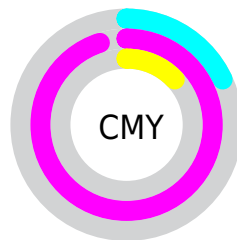
- Red (82%)
- Green (5%)
- Blue (87%)



- Red (82%)
- Yellow (5%)
- Blue (87%)



- Cyan (5%)
- Magenta (94%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (95%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color D20DDE 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 D20DDE by changing the saturation by 10% instead.

 D20DDE

 D20DDE

FFFFFF

 B400C2

 FF62FF

 9600A6

 FF81FF

 79008B

 FF9FFF

 5C0071

 FFBDFF


 410057

 FFDCFF

 21003F

 FFFAFF

 000028

 000111

 000000

 D20DDE

 D20DDE

 D100DE

 D323DE

 D539DE

 D650DE

 D766DE

 D87CDE

 DA92DE

 DBA8DE

 DCBFDE

 DDD5DE

Harmonies

Analogous

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



1868FF



D20DDE



FF0089

Triad

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



D20DDE



9E7300



009BC6

Complementary

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



D20DDE



19DE0D

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.



009A6B



D20DDE



458A00

Square

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



D20DDE



DE4200



009500



0099FF

Rectangle

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



D20DDE



FF0050



009500



009BA8

Sweetspot

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



D20DDE



FBB8FF



0D1BDE



7D5480



000000



808080

Same Dimension

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



D20DDE



F000FF



DE0D83



706570



A600B0



2E0030

Inverse Universe

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



DE0D19



FF000F



0DDE68



706566



B0000A



300003

Previews

White Background



This preview shows how the Hex color D20DDE 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

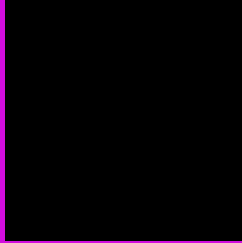
Any Text WCAG AA ✓ Pass

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 D20DDE Background



This preview shows how black text looks on a background with the Hex color D20DDE.

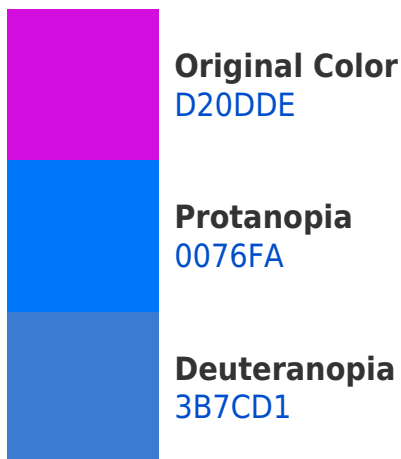


This preview shows how white text looks on a background with the Hex color D20DDE.

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
D20DDE



Protanomaly
4C50F0



Deuteranomaly
7254D6



Tritanomaly
C83D8D

Monochromacy



Original Color
D20DDE



Achromatopsia
606060



Achromatomaly
89428E

CSS Examples

Text

The CSS property to change the color of the text to Hex D20DDE 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 #D20DDE looks like.

```
.text, #text, p{  
    color:#D20DDE  
}
```

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 #D20DDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D20DDE
}
```

Border

The CSS property to change the border of an element to Hex D20DDE 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
#D20DDE }
```

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

```
.border{ border-color:#D20DDE }
```

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

Here you see how a box with a 4 pixel #D20DDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D20DDE; -webkit-box-shadow:4px 4px  
4px 4px #D20DDE; box-shadow:4px 4px 4px  
4px #D20DDE }
```

Background

The CSS property to change the background color of an element to Hex D20DDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D20DDE }
```

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

```
.background{ background-color:#D20DDE }
```

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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