

Converting Colors

Hex(D41BE4)

Have a look what the booklet for
Hex(D41BE4) contains.

Hex(D41BE4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D41BE4)

Conversions

Conversions Part 1

Format	Color
Hex	D41BE4
RGB	212, 27, 228
RGB Percent	83%, 11%, 89%
CMY	0.1686, 0.8941, 0.1059
CMYK	0.07, 0.88, 0.00, 0.11
HSL	295°, 79%, 50%
HSV	295°, 88%, 89%
XYZ	41.5469, 20.3824, 75.1432
YIQ	105.2290, 45.7390, 101.7310

Conversions

Conversions Part 2

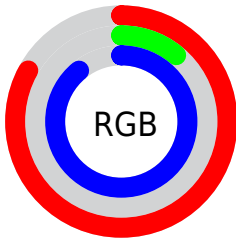
Format	Color
R _Y B	212, 27, 228
Decimal	13900772
CIE Lab	52.27, 85.21, -59.04
CIE LCh	52, 103.666, 325.283
Yxy	20.3824, 0.3031, 0.1487
Android (android.graphics.Color)	4292090852 (0xFFD41BE4)
YUV	105.2290, 60.5261, 93.6382
Hunter-Lab	45.1468, 85.2598, -67.0806

Details

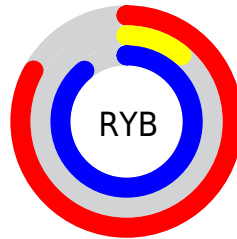
The Hex color **D41BE4** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **2BE41B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF67FF**, and **9800AC** is the 20% darker color. If you saturate the color by 10%, you get **D204E4**, and if you desaturate by 10%, it is **D632E4**.

Distribution



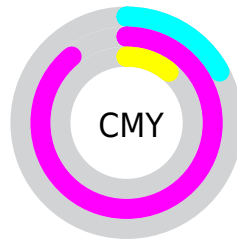
- Red (83%)
- Green (11%)
- Blue (89%)



- Red (83%)
- Yellow (11%)
- Blue (89%)



- Cyan (7%)
- Magenta (88%)
- Yellow (0%)
- Black (11%)



- Cyan (17%)
- Magenta (89%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color D41BE4 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 D41BE4 by changing the saturation by 10% instead.

 D41BE4

 D41BE4

FFFFFF

 B600C7

 FF67FF

 9800AC

 FF86FF

 7B0090

 FFA4FF

 5E0076

 FFC2FF

 42005C

 FFE0FF

 230044

 00002C

 000117

 000000

 D41BE4

 D41BE4

 D204E4

 D632E4

 D200E4

 D849E4

 D95FE4

 DB76E4

 DD8DE4

 DFA4E4

 E1BBE4

 E3D1E4

 E4E8E4

Harmonies

Analogous

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



046CFF



D41BE4



FF008F

Triad

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



D41BE4



A47500



009FC7

Complementary

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



D41BE4



2BE41B

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.



009D6C



D41BE4



4C8D00

Square

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



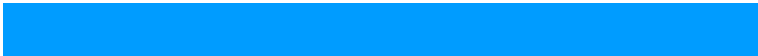
D41BE4



E34400



009800



009CFF

Rectangle

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



D41BE4



FF0055



009800



009FAA

Sweetspot

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



D41BE4



FABDFF



1B2CE4



7C5880



000000



808080

Same Dimension

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



D41BE4



EB00FF



E41B90



726773



A400B3



2F0033

Inverse Universe

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



E41B2B



FF0014



1BE46F



736768



B3000E



330004

Previews

White Background



This preview shows how the Hex color D41BE4 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

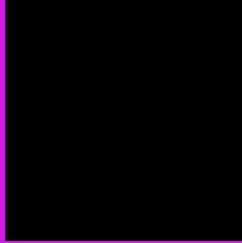
Any Text WCAG AA ✓ Pass

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 D41BE4 Background



This preview shows how black text looks on a background with the Hex color D41BE4.

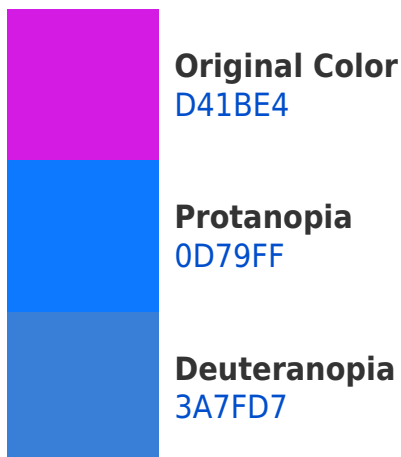



This preview shows how white text looks on a background with the Hex color D41BE4.

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
C55C62

Trichromacy



Original Color
D41BE4



Protanomaly
5557F5



Deuteranomaly
725BDC



Tritanomaly
CA4491

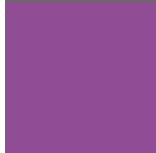
Monochromacy



Original Color
D41BE4



Achromatopsia
696969



Achromatomaly
904D96

CSS Examples

Text

The CSS property to change the color of the text to Hex D41BE4 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 #D41BE4 looks like.

```
.text, #text, p{  
    color:#D41BE4  
}
```

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 #D41BE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D41BE4
}
```

Border

The CSS property to change the border of an element to Hex D41BE4 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
#D41BE4 }
```

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

```
.border{ border-color:#D41BE4 }
```

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

Here you see how a box with a 4 pixel #D41BE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D41BE4; -webkit-box-shadow:4px 4px  
4px 4px #D41BE4; box-shadow:4px 4px 4px  
4px #D41BE4 }
```

Background

The CSS property to change the background color of an element to Hex D41BE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D41BE4 }
```

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

```
.background{ background-color:#D41BE4 }
```

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