

Converting Colors

Hex(DE51CC)

Have a look what the booklet for
Hex(DE51CC) contains.

Hex(DE51CC)	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(**DE51CC**)

Conversions

Conversions Part 1

Format	Color
Hex	DE51CC
RGB	222, 81, 204
RGB Percent	87%, 32%, 80%
CMY	0.1294, 0.6824, 0.2000
CMYK	0.00, 0.64, 0.08, 0.13
HSL	308°, 68%, 59%
HSV	308°, 64%, 87%
XYZ	43.9657, 25.7741, 59.7844
YIQ	137.1810, 44.5530, 68.1450

Conversions

Conversions Part 2

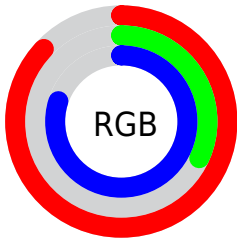
Format	Color
R _Y B	222, 81, 204
Decimal	14569932
CIE _{Lab}	57.82, 68.49, -36.49
CIE _{LCh}	58, 77.606, 331.951
Y _{xy}	25.7741, 0.3394, 0.1990
Android (android.graphics.Color)	4292760012 (0xFFDE51CC)
YUV	137.1810, 32.9418, 74.3863
Hunter-Lab	50.7682, 65.7383, -34.2819

Details

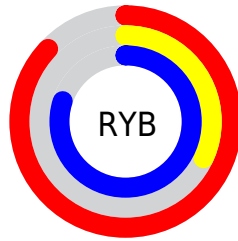
The Hex color **DE51CC** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **51DE63**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF8BFF**, and **A30095** is the 20% darker color. If you saturate the color by 10%, you get **DE3BC9**, and if you desaturate by 10%, it is **DE67CF**.

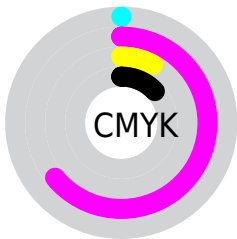
Distribution



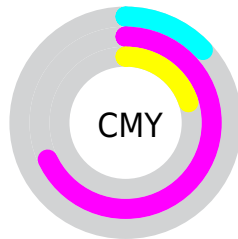
- Red (87%)
- Green (32%)
- Blue (80%)



- Red (87%)
- Yellow (32%)
- Blue (80%)



- Cyan (0%)
- Magenta (64%)
- Yellow (8%)
- Black (13%)



- Cyan (13%)
- Magenta (68%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE51CC 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 DE51CC by changing the saturation by 10% instead.

 DE51CC

 DE51CC

FFFFFF

 C032B0

 FF8BFF

 A30095

 FFA8FF

 87007B

 FFC5FF

 6B0062

 FFE2FF

 4F0049

 360032

 14001C

 000000

 DE51CC

 DE51CC

 DE3BC9

 DE67CF

 DE25C6

 DE7DD2

 DE0EC3

 DE94D5

 DE00C2

 DEAAD7

 DEC0DA

 DED6DD

 DEECE0

 DEFFE3

 DEFFE6

Harmonies

Analogous

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



8B76FF



DE51CC



FF378A

Triad

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



DE51CC



A48A00



00A8D1

Complementary

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



DE51CC



51DE63

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.



00A88E



DE51CC



5E9B00

Square

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



DE51CC



D86E00



00A446



00A2FF

Rectangle

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



DE51CC



FF405D



00A446



00A9BC

Sweetspot

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



DE51CC



FFCFF9



6151DE



80627C



000000



808080

Same Dimension

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



DE51CC



FF3DE6



DE5187



70656F



B00099



30002A

Inverse Universe

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



DE51CC



FF3DE6



51DEA8



70656F



B00099



30002A

Previews

White Background



This preview shows how the Hex color DE51CC looks on a white background.

Color Contrast Check

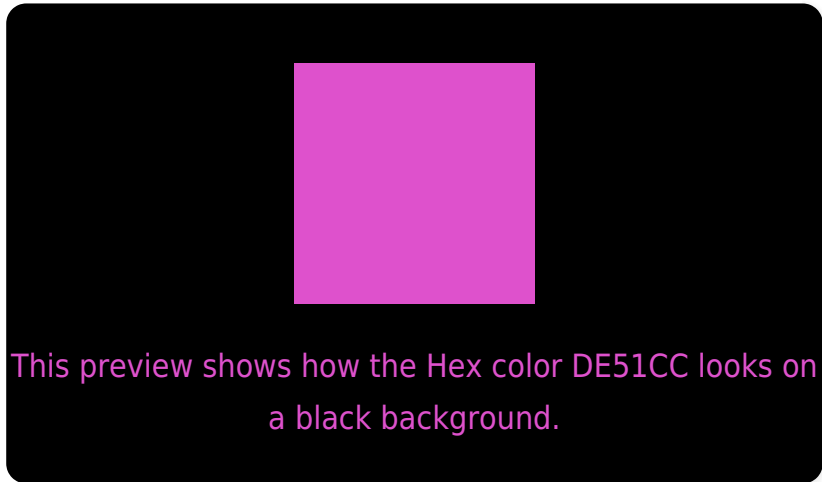
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE51CC Background



This preview shows how black text looks on a background with the Hex color DE51CC.

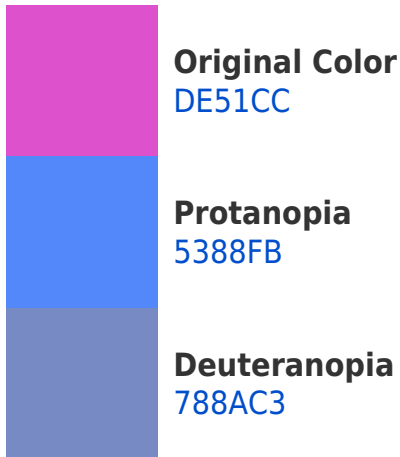



This preview shows how white text looks on a background with the Hex color DE51CC.

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
D46A72

Trichromacy



Original Color
DE51CC



Protanomaly
8674EA



Deuteranomaly
9D75C6



Tritanomaly
D86193

Monochromacy



Original Color
DE51CC



Achromatopsia
898989



Achromatomaly
A875A1

CSS Examples

Text

The CSS property to change the color of the text to Hex DE51CC 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 #DE51CC looks like.

```
.text, #text, p{  
    color:#DE51CC  
}
```

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 #DE51CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE51CC }  
}
```

Border

The CSS property to change the border of an element to Hex DE51CC 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 #DE51CC }  
}
```

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

```
.border{ border-color:#DE51CC }
```

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

Here you see how a box with a 4 pixel #DE51CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE51CC; -webkit-box-shadow:4px 4px  
4px 4px #DE51CC; box-shadow:4px 4px 4px  
4px #DE51CC }
```

Background

The CSS property to change the background color of an element to Hex DE51CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE51CC }
```

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

```
.background{ background-color:#DE51CC }
```

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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