

Converting Colors

Hex(DD51C4)

Have a look what the booklet for
Hex(DD51C4) contains.

Hex(DD51C4)	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(DD51C4)

Conversions

Conversions Part 1

Format	Color
Hex	DD51C4
RGB	221, 81, 196
RGB Percent	87%, 32%, 77%
CMY	0.1333, 0.6824, 0.2314
CMYK	0.00, 0.63, 0.11, 0.13
HSL	311°, 67%, 59%
HSV	311°, 63%, 87%
XYZ	42.7250, 25.2425, 54.8450
YIQ	135.9700, 46.5250, 65.4450

Conversions

Conversions Part 2

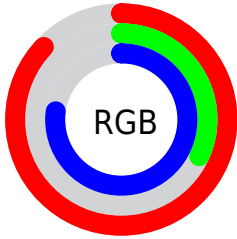
Format	Color
R _Y B	221, 81, 196
Decimal	14504388
CIE Lab	57.31, 67.02, -32.73
CIE LCh	57, 74.588, 333.969
Yxy	25.2425, 0.3479, 0.2055
Android (android.graphics.Color)	4292694468 (0xFFDD51C4)
YUV	135.9700, 29.5948, 74.5713
Hunter-Lab	50.2419, 63.8704, -29.5526

Details

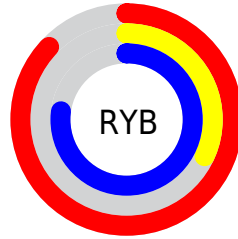
The Hex color **DD51C4** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **51DD6A**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF8BFD**, and **A2018E** is the 20% darker color. If you saturate the color by 10%, you get **DD3BC0**, and if you desaturate by 10%, it is **DD67C8**.

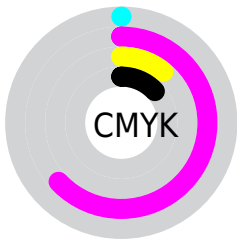
Distribution



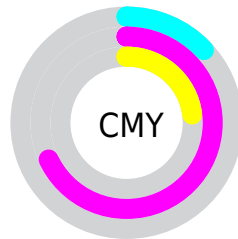
- Red (87%)
- Green (32%)
- Blue (77%)



- Red (87%)
- Yellow (32%)
- Blue (77%)



- Cyan (0%)
- Magenta (63%)
- Yellow (11%)
- Black (13%)



- Cyan (13%)
- Magenta (68%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD51C4 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 DD51C4 by changing the saturation by 10% instead.

 DD51C4

 DD51C4

FFFFFF

 BF32A9

 FF8BFD

 A2018E

 FFA7FF

 860074

 FFC4FF

 6A005B

 FFE2FF

 4E0043

 35002C

 120016

 000000

 DD51C4

 DD51C4

 DD3BC0

 DD67C8

 DD25BC

 DD7DCC

 DD0FB8

 DD93D0

 DD00B6

 DDA9D4

 DDC0D8

 DDD6DC

 DDECE0

 DDFFE4

 DDFFE8

Harmonies

Analogous

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



9274F7



DD51C4



FA3C84

Triad

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



DD51C4



9E8A00



00A6D1

Complementary

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



DD51C4



51DD6A

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.



00A691



DD51C4



5A9A00

Square

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



DD51C4



D27000



00A34D



009FFF

Rectangle

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



DD51C4



F94659



00A34D



00A6BD

Sweetspot

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



DD51C4



FFCFF6



6851DD



80627A



000000



808080

Same Dimension

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



DD51C4



FF3DDC



DD5180



6E636C



AD008E



2E0026

Inverse Universe

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



DD51C4



FF3DDC



51DDAE



6E636C



AD008E



2E0026

Previews

White Background



This preview shows how the Hex color DD51C4 looks on a white background.

Color Contrast Check

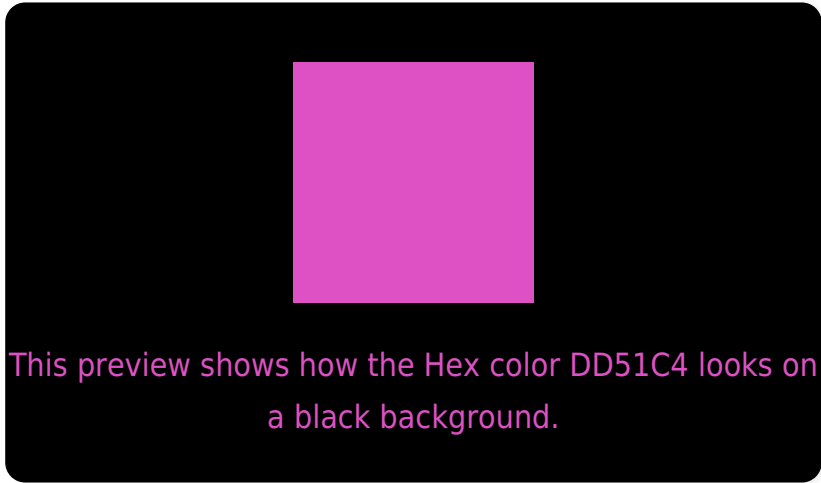
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD51C4 Background



This preview shows how black text looks on a background with the Hex color DD51C4.

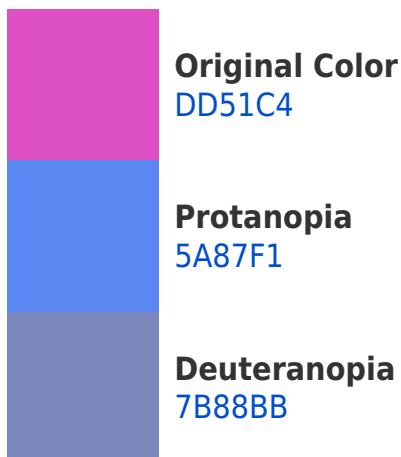



This preview shows how white text looks on a background with the Hex color DD51C4.

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
D46870

Trichromacy



Original Color
DD51C4



Protanomaly
8A73E1



Deuteranomaly
9F74BE



Tritanomaly
D7608F

Monochromacy



Original Color
DD51C4



Achromatopsia
888888



Achromatomaly
A7749E

CSS Examples

Text

The CSS property to change the color of the text to Hex DD51C4 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 #DD51C4 looks like.

```
.text, #text, p{  
    color:#DD51C4  
}
```

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 #DD51C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD51C4
}
```

Border

The CSS property to change the border of an element to Hex DD51C4 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
#DD51C4 }
```

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

```
.border{ border-color:#DD51C4 }
```

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

Here you see how a box with a 4 pixel #DD51C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD51C4; -webkit-box-shadow:4px 4px  
4px 4px #DD51C4; box-shadow:4px 4px 4px  
4px #DD51C4 }
```

Background

The CSS property to change the background color of an element to Hex DD51C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD51C4 }
```

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

```
.background{ background-color:#DD51C4 }
```

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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