

# Converting Colors

Hex(DD52C8)

Have a look what the booklet for  
Hex(DD52C8) contains.

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# Color

Hex(DD52C8)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD52C8
RGB	221, 82, 200
RGB Percent	87%, 32%, 78%
CMY	0.1333, 0.6784, 0.2157
CMYK	0.00, 0.63, 0.10, 0.13
HSL	309°, 67%, 59%
HSV	309°, 63%, 87%
XYZ	43.2614, 25.5769, 57.3003
YIQ	137.0130, 44.9660, 66.1660

# Conversions

## Conversions Part 2

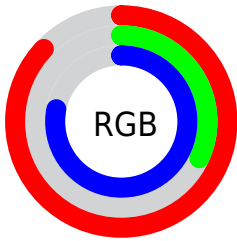
Format	Color
<a href="#">RYB</a>	<a href="#">221, 82, 200</a>
Decimal	<a href="#">14504648</a>
CIELab	<a href="#">57.63, 67.23, -34.52</a>
CIELCh	<a href="#">58, 75.572, 332.822</a>
Yxy	<a href="#">25.5769, 0.3430, 0.2028</a>
Android (android.graphics.Color)	<a href="#">4292694728 (0xFFDD52C8)</a>
YUV	<a href="#">137.0130, 31.0526, 73.6566</a>
Hunter-Lab	<a href="#">50.5736, 64.1879, -31.7746</a>

# Details

The Hex color **DD52C8** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **52DD67**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF8BFF**, and **A30492** is the 20% darker color. If you saturate the color by 10%, you get **DD3CC5**, and if you desaturate by 10%, it is **DD68CB**.

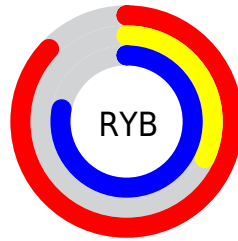
# Distribution



Red (87%)

Green (32%)

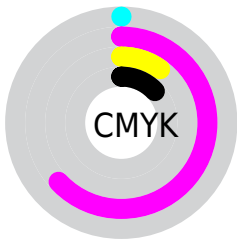
Blue (78%)



Red (87%)

Yellow (32%)

Blue (78%)

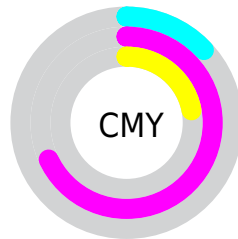


Cyan (0%)

Magenta (63%)

Yellow (10%)

Black (13%)



Cyan (13%)

Magenta (68%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD52C8 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 DD52C8 by changing the saturation by 10% instead.



 DD52C8

 DD52C8

FFFFFF

 C033AC

 FF8BFF

 A30492

 FFA8FF

 860078

 FFC5FF

 6A005E

 FFE3FF

 4F0046

 35002F

 130019

 000000

 DD52C8

 DD52C8

 DD3CC5

 DD68CB

 DD26C1

 DD7ECF

 DD10BE

 DD94D2

 DD00BC

 DDAAD5

 DDC1D9

 DDD7DC

 DDEDDF

 DDFFE3

 DDFFE6

# Harmonies

## Analogous

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



8E76FB



DD52C8



FC3B87

# Triad

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



DD52C8



A18A00



00A7D1

# Complementary

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



DD52C8



52DD67

# 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.



00A78F



DD52C8



5D9B00

# Square

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



DD52C8



D56F00



00A44A



00A1FF

# Rectangle

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



DD52C8



FC445C



00A44A



00A8BC



# Sweetspot

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



DD52C8



FFCFF8



6752DD



80627B



000000



808080



# Same Dimension

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



DD52C8



FF40E2



DD5283



6E636C



AD0093



2E0027



# Inverse Universe

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



DD52C8



FF40E2



52DDAC



6E636C



AD0093

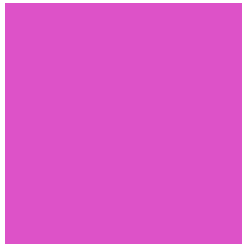


2E0027



# Previews

## White Background



This preview shows how the Hex color DD52C8 looks on a white background.

## Color Contrast Check

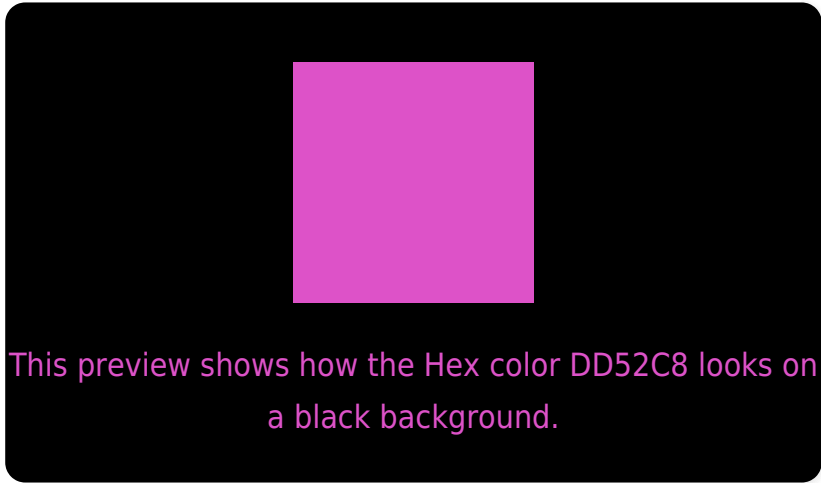
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD52C8 Background



This preview shows how black text looks on a background with the Hex color DD52C8.

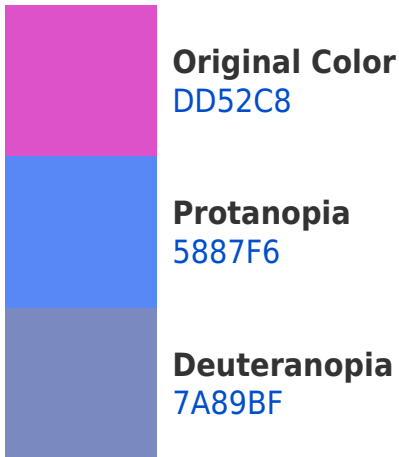



This preview shows how white text looks on a background with the Hex color DD52C8.

# 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**  
D46A71

# Trichromacy



**Original Color**  
DD52C8



**Protanomaly**  
8874E5



**Deuteranomaly**  
9E75C2



**Tritanomaly**  
D76191

# Monochromacy



**Original Color**  
DD52C8



**Achromatopsia**  
898989



**Achromatomaly**  
A875A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD52C8 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 #DD52C8 looks like.

```
.text, #text, p{  
    color:#DD52C8  
}
```

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 #DD52C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD52C8
}
```

## Border

The CSS property to change the border of an element to Hex DD52C8 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
#DD52C8 }
```

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

```
.border{ border-color:#DD52C8 }
```

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

Here you see how a box with a 4 pixel #DD52C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD52C8; -webkit-box-shadow:4px 4px  
4px 4px #DD52C8; box-shadow:4px 4px 4px  
4px #DD52C8 }
```

# Background

The CSS property to change the background color of an element to Hex DD52C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD52C8 }
```

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

```
.background{ background-color:#DD52C8 }
```

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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