

# Converting Colors

Hex(D571E2)

Have a look what the booklet for  
Hex(D571E2) contains.

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# Color

Hex(D571E2)

# Conversions

## Conversions Part 1

Format	Color
Hex	D571E2
RGB	213, 113, 226
RGB Percent	84%, 44%, 89%
CMY	0.1647, 0.5569, 0.1137
CMYK	0.06, 0.50, 0.00, 0.11
HSL	293°, 66%, 66%
HSV	293°, 50%, 89%
XYZ	47.0732, 31.4474, 75.5404
YIQ	155.7820, 23.3270, 56.3430

# Conversions

## Conversions Part 2

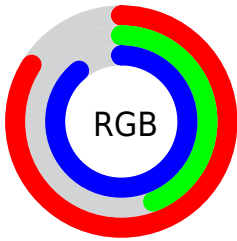
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 113, 226
Decimal	13988322
CIE Lab	62.88, 55.58, -41.05
CIE LCh	63, 69.092, 323.552
Yxy	31.4474, 0.3055, 0.2041
Android (android.graphics.Color)	4292178402 (0xFFD571E2)
YUV	155.7820, 34.6175, 50.1802
Hunter-Lab	56.0780, 51.7007, -40.6127

# Details

The Hex color **D571E2** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7EE271**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFA8FF**, and **9C3BAA** is the 20% darker color. If you saturate the color by 10%, you get **D25AE2**, and if you desaturate by 10%, it is **D888E2**.

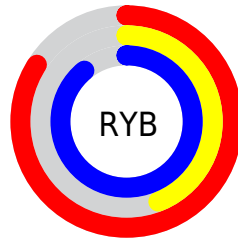
# Distribution



Red (84%)

Green (44%)

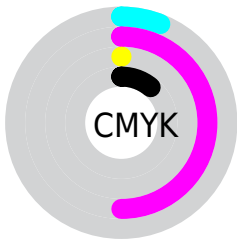
Blue (89%)



Red (84%)

Yellow (44%)

Blue (89%)

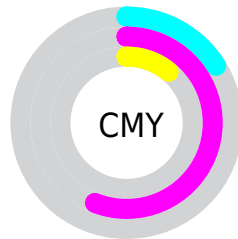


Cyan (6%)

Magenta (50%)

Yellow (0%)

Black (11%)



Cyan (16%)

Magenta (56%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D571E2 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 D571E2 by changing the saturation by 10% instead.



 D571E2

 D571E2

FFFFFF

 B856C6

 FFA8FF

 9C3BAA

 FFC4FF

 801D8F

 FFE1FF

 650075

FFFEFF

 4A005C

 320044

 15002D

 000117

 000000

 D571E2

 D571E2

 D25AE2

 D888E2

 D044E2

 DA9EE2

 CD2DE2

 DDB5E2

 CB17E2

 DFCBE2

 C800E2

 E2E2E2

 E5F9E2

 E7FFE2

 EAFFE2

 ECFFE2

# Harmonies

## Analogous

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



7C8EFF



D571E2



FF5BA8

# Triad

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



D571E2



C19100



00B4C8

# Complementary

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



D571E2



7EE271

# 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.



00B488



D571E2



87A30D

# Square

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



D571E2



ED7734



2CAE4A



00B0FA

# Rectangle

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



D571E2



FF5A7F



2CAE4A



00B5B3



# Sweetspot

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



D571E2



FBD9FF



717EE2



7D6980



000000



808080



# Same Dimension

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



D571E2



ED66FF



E271B7



6F6570



9C00B0



2B0030



# Inverse Universe

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



E2717E



FF6678



71E29C



706566



B00014

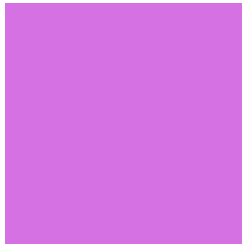


300006



# Previews

## White Background



This preview shows how the Hex color D571E2 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D571E2 Background



This preview shows how black text looks on a background with the Hex color D571E2.

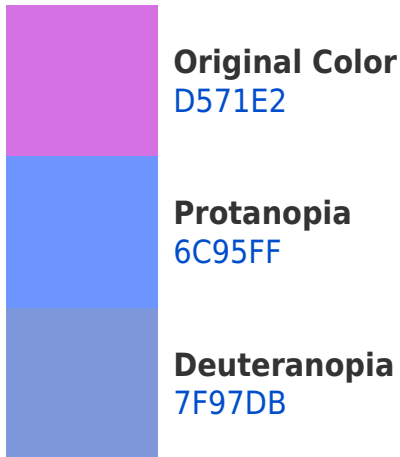



This preview shows how white text looks on a background with the Hex color D571E2.

# 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](#).

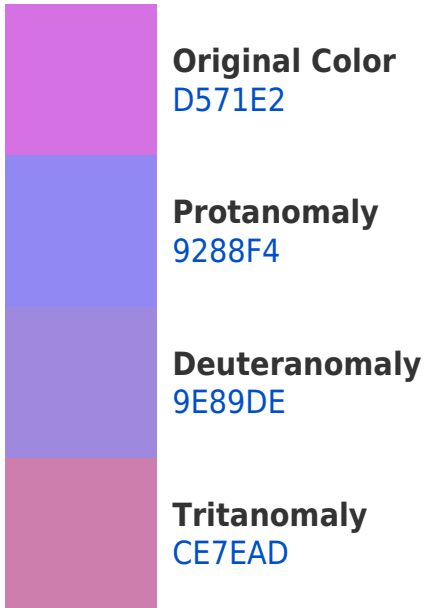
## Dichromacy



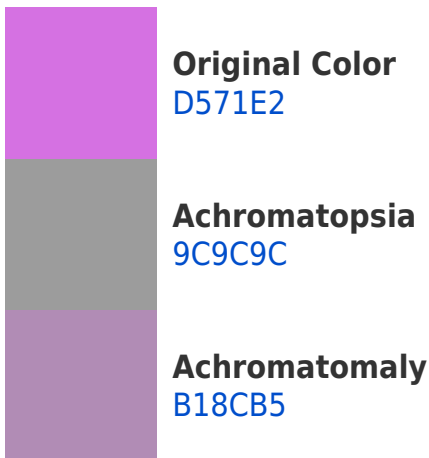


**Tritanopia**  
CA858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D571E2 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 #D571E2 looks like.

```
.text, #text, p{  
    color:#D571E2  
}
```

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 #D571E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D571E2
}
```

## Border

The CSS property to change the border of an element to Hex D571E2 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
#D571E2 }
```

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

```
.border{ border-color:#D571E2 }
```

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

Here you see how a box with a 4 pixel #D571E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D571E2; -webkit-box-shadow:4px 4px  
4px 4px #D571E2; box-shadow:4px 4px 4px  
4px #D571E2 }
```

# Background

The CSS property to change the background color of an element to Hex D571E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D571E2 }
```

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

```
.background{ background-color:#D571E2 }
```

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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