

# Converting Colors

Hex(571DFF)

Have a look what the booklet for  
Hex(571DFF) contains.

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**Color**

**Hex(571DFF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	571DFF
RGB	87, 29, 255
RGB Percent	34%, 11%, 100%
CMY	0.6588, 0.8863, 0.0000
CMYK	0.66, 0.89, 0.00, 0.00
HSL	255°, 100%, 56%
HSV	255°, 89%, 100%
XYZ	22.4198, 10.1250, 95.3804
YIQ	72.1060, -37.9780, 82.5820

# Conversions

## Conversions Part 2

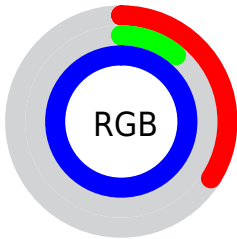
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	87, 29, 255
Decimal	5709311
CIE Lab	38.07, 75.89, -98.15
CIE LCh	38, 124.068, 307.713
Yxy	10.1250, 0.1753, 0.0791
Android (android.graphics.Color)	4283899391 (0xFF571DFF)
YUV	72.1060, 90.1667, 13.0620
Hunter-Lab	31.8198, 70.0846, -155.4492

# Details

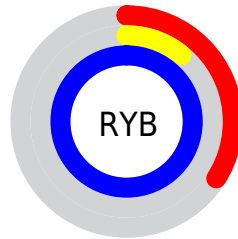
The Hex color **571DFF** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed blue. A complement of this color would be **C5FF1D**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **9D59FF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **4404FF**, and if you desaturate by 10%, it is **6A37FF**.

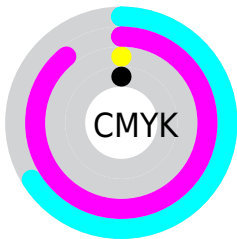
# Distribution



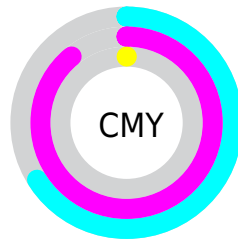
- Red (34%)
- Green (11%)
- Blue (100%)



- Red (34%)
- Yellow (11%)
- Blue (100%)



- Cyan (66%)
- Magenta (89%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (89%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 571DFF 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 571DFF by changing the saturation by 10% instead.



 571DFF

 571DFF

FFFFFF

 2700E1

 9D59FF

 0000C4

 BE74FF

 0000A8

 DE90FF

 00008D

 FEACFF

 000372

 FFC9FF

 000C58

 FFE6FF

 000740

 000329

 000113

 571DFF

 571DFF

 4404FF

 6A37FF

 4100FF

 7D50FF

 906AFF

 A383FF

 B69DFF

 C9B6FF

 DCD0FF

 EFE9FF

FFFFFF

# Harmonies

## Analogous

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



0066FF



571DFF



D900A9

# Triad

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



571DFF



A72F00



007873

# Complementary

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



571DFF



C5FF1D

# 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.



007500



571DFF



565F00

# Square

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



571DFF



DF0000



007000



007BD7

# Rectangle

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



571DFF



F40067



007000



00774F



# Sweetspot

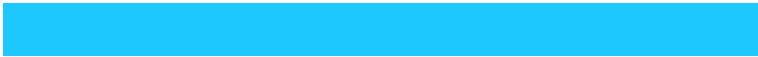
The Sweet Spot groups the original color and five complimentary colors.



571DFF



CCBAFF



1DC7FF



615780



000000



808080



# Same Dimension

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



571DFF



4100FF



C71DFF



767380



3100BF



100040



# Inverse Universe

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



FF1DC5



FF00BE



56FF1D



80737C



BF008E

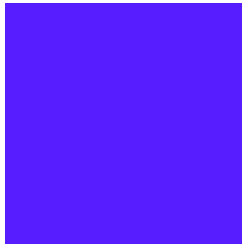


40002F



# Previews

## White Background



This preview shows how the Hex color 571DFF looks on a white background.

## Color Contrast Check

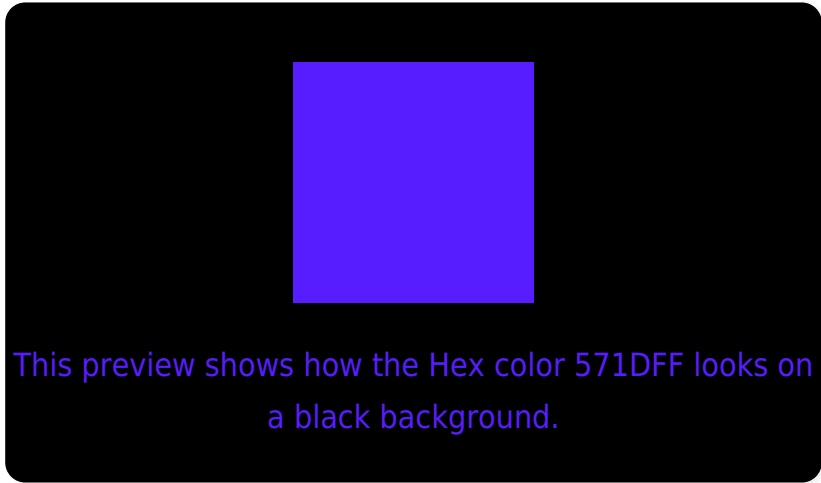
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

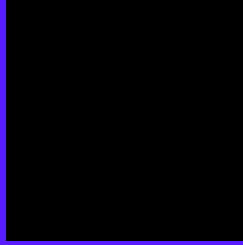
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 571DFF Background



This preview shows how black text looks on a background with the Hex color 571DFF.



This preview shows how white text looks on a background with the Hex color 571DFF.

# 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



**Original Color**  
571DFF

**Protanopia**  
0056B5

**Deuteranopia**  
005C9A



**Tritanopia**  
00636A

# Trichromacy



**Original Color**  
571DFF

**Protanomaly**  
2041D0

**Deuteranomaly**  
2045BF

**Tritanomaly**  
204AA0

# Monochromacy



**Original Color**  
571DFF

**Achromatopsia**  
484848

**Achromatomaly**  
4D388B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 571DFF 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 #571DFF looks like.

```
.text, #text, p{  
    color:#571DFF  
}
```

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 #571DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #571DFF
}
```

## Border

The CSS property to change the border of an element to Hex 571DFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

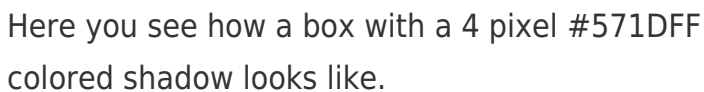
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#571DFF }
```

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

```
.border{ border-color:#571DFF }
```

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



Here you see how a box with a 4 pixel #571DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #571DFF; -webkit-box-shadow:4px 4px  
4px 4px #571DFF; box-shadow:4px 4px 4px  
4px #571DFF }
```

# Background

The CSS property to change the background color of an element to Hex 571DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#571DFF }
```

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

```
.background{ background-color:#571DFF }
```

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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