

# Converting Colors

Hex(6300DF)

Have a look what the booklet for  
Hex(6300DF) contains.

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**Color**

**Hex(6300DF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6300DF
RGB	99, 0, 223
RGB Percent	39%, 0%, 87%
CMY	0.6118, 1.0000, 0.1255
CMYK	0.56, 1.00, 0.00, 0.13
HSL	267°, 100%, 44%
HSV	267°, 100%, 87%
XYZ	18.4649, 7.9804, 70.3792
YIQ	55.0230, -12.5790, 90.3410

# Conversions

## Conversions Part 2

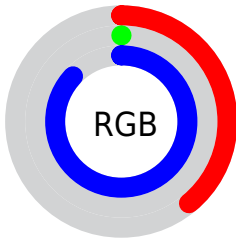
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 0, 223
Decimal	6488287
CIELab	33.94, 74.32, -86.82
CIELCh	34, 114.281, 310.563
Yxy	7.9804, 0.1907, 0.0824
Android (android.graphics.Color)	4284678367 (0xFF6300DF)
YUV	55.0230, 82.8127, 38.5678
Hunter-Lab	28.2495, 67.2371, -127.9369

# Details

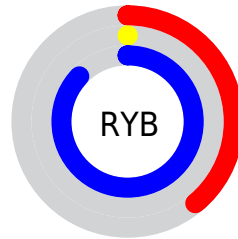
The Hex color **6300DF** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **7CDF00**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **A34BFF**, and **0300A6** is the 20% darker color. If you saturate the color by 10%, you get **6300DF**, and if you desaturate by 10%, it is **6F16DF**.

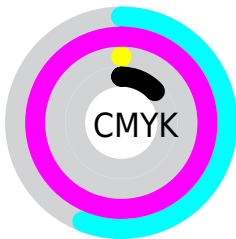
# Distribution



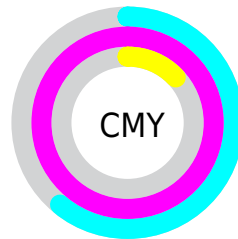
- Red (39%)
- Green (0%)
- Blue (87%)



- Red (39%)
- Yellow (0%)
- Blue (87%)



- Cyan (56%)
- Magenta (100%)
- Yellow (0%)
- Black (13%)










- Cyan (61%)
- Magenta (100%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6300DF 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 6300DF by changing the saturation by 10% instead.



 6300DF	 6300DF
 FFFFFFFF	 3F00C2
 A34BFF	 0300A6
 C267FF	 00008B
 E183FF	 000070
 FF9FFF	 000856
 FFBCFF	 00063E
 FFD9FF	 000327
 FFF6FF	 000111
	 000000

 6300DF

 6F16DF

 7C2DDF

 8843DF

 9559DF

 A170DF

 AD86DF

 BA9CDF

 C6B2DF

 D3C9DF

# Harmonies

## Analogous

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



0058FF



6300DF



C8008F

# Triad

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



6300DF



903000



006C70

# Complementary

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



6300DF



7CDF00

# 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.



006901



6300DF



445700

# Square

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



6300DF



C50000



006500



006EC8

# Rectangle

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



6300DF



DC0053



006500



006B50



# Sweetspot

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



6300DF



D4B3FF



007EDF



665280



000000



808080



# Same Dimension

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



6300DF



7100FF



D000DF



6A6570



4E00B0



160030



# Inverse Universe

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



DF007C



FF008E



0FDF00



70656B



B00062

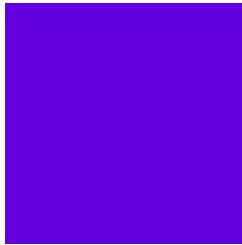


30001B



# Previews

## White Background



This preview shows how the Hex color 6300DF looks on a white background.

## Color Contrast Check

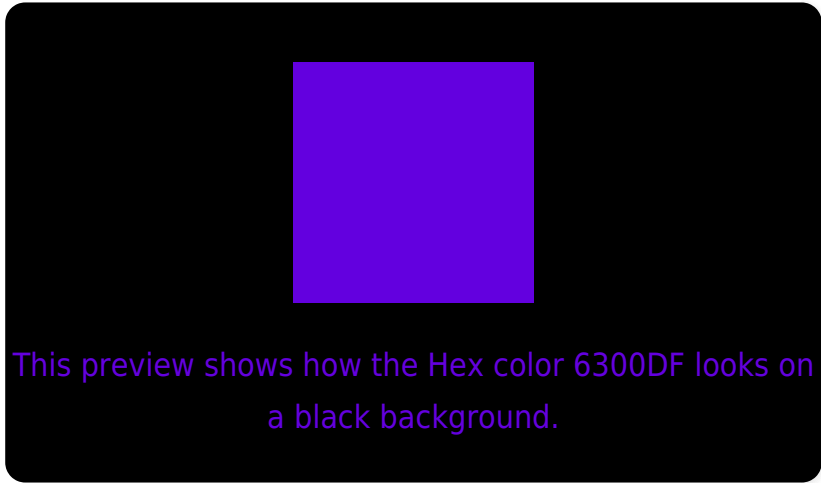
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

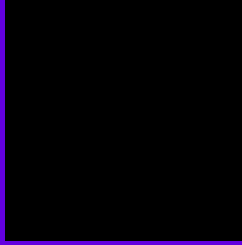
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6300DF Background



This preview shows how black text looks on a background with the Hex color 6300DF.

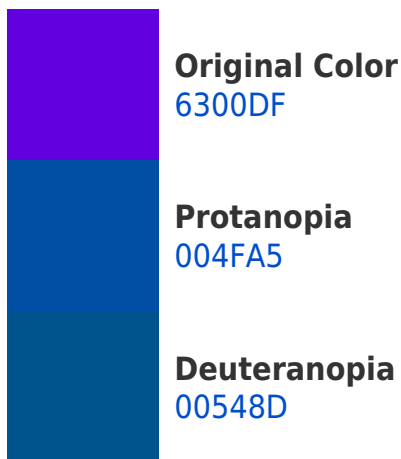


This preview shows how white text looks on a background with the Hex color 6300DF.

# 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](#).

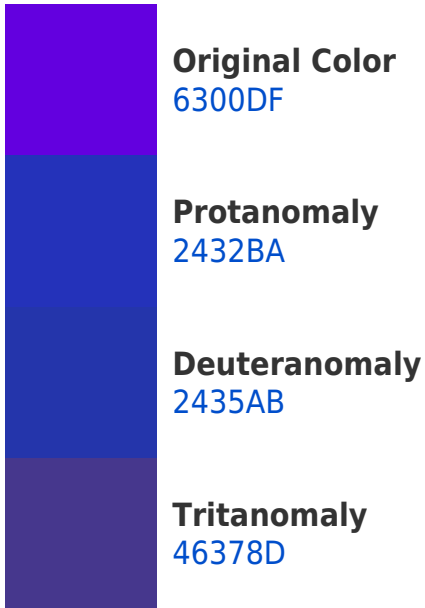
## Dichromacy



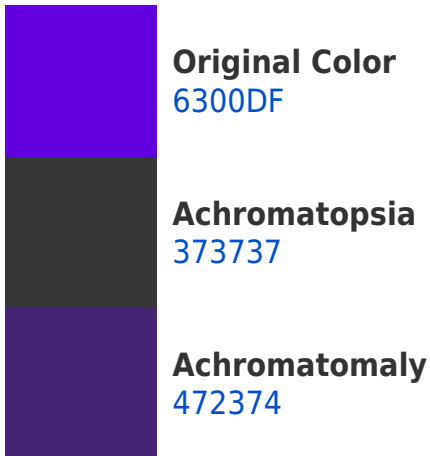


**Tritanopia**  
35575E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6300DF 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 #6300DF looks like.

```
.text, #text, p{  
    color:#6300DF  
}
```

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 #6300DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6300DF
}
```

## Border

The CSS property to change the border of an element to Hex 6300DF is called "border". The border property can be set on classes, ids or directly on the HTML element.

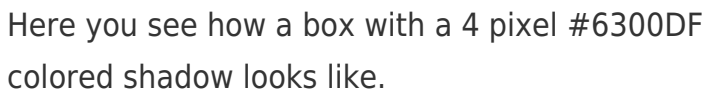
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6300DF }
```

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

```
.border{ border-color:#6300DF }
```

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



Here you see how a box with a 4 pixel #6300DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6300DF; -webkit-box-shadow:4px 4px  
4px 4px #6300DF; box-shadow:4px 4px 4px  
4px #6300DF }
```

# Background

The CSS property to change the background color of an element to Hex 6300DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6300DF }
```

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

```
.background{ background-color:#6300DF }
```

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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