

Converting Colors

Hex(5919DB)

Have a look what the booklet for
Hex(5919DB) contains.

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Color

Hex(5919DB)

Conversions

Conversions Part 1

Format	Color
Hex	5919DB
RGB	89, 25, 219
RGB Percent	35%, 10%, 86%
CMY	0.6510, 0.9020, 0.1412
CMYK	0.59, 0.89, 0.00, 0.14
HSL	260°, 80%, 48%
HSV	260°, 89%, 86%
XYZ	17.2536, 7.9336, 67.6398
YIQ	66.2520, -24.1300, 73.9020

Conversions

Conversions Part 2

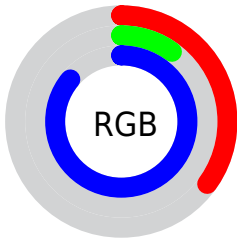
Format	Color
R_{YB}	89, 25, 219
Decimal	5839323
CIE _{Lab}	33.84, 68.26, -84.71
CIE _{LCh}	34, 108.793, 308.862
Yxy	7.9336, 0.1859, 0.0855
Android (android.graphics.Color)	4284029403 (0xFF5919DB)
YUV	66.2520, 75.3048, 19.9500
Hunter-Lab	28.1666, 60.0497, -122.6634

Details

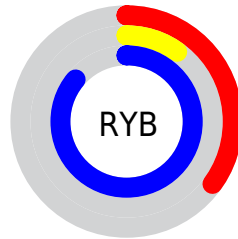
The Hex color **5919DB** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **9BDB19**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **9953FF**, and **0000A2** is the 20% darker color. If you saturate the color by 10%, you get **4A03DB**, and if you desaturate by 10%, it is **682FDB**.

Distribution



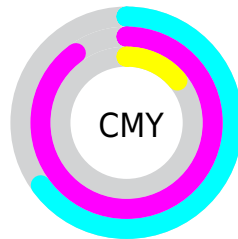
- Red (35%)
- Green (10%)
- Blue (86%)



- Red (35%)
- Yellow (10%)
- Blue (86%)



- Cyan (59%)
- Magenta (89%)
- Yellow (0%)
- Black (14%)



- Cyan (65%)
- Magenta (90%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5919DB 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 5919DB by changing the saturation by 10% instead.

■ 5919DB

■ 5919DB

FFFFFF

■ 3300BE

■ 9953FF

■ 0000A2

■ B86EFF

■ 000087

■ D78AFF

■ 00006D

■ F6A5FF

■ 000B53

■ FFC2FF

■ 00063B

■ FFDFFF

■ 000224

■ FFFCFF

■ 00000C

■ 000000

■ 5919DB

■ 5919DB

■ 4A03DB

■ 682FDB

■ 4800DB

■ 7645DB

■ 855BDB

■ 9471DB

■ A286DB

■ B19CDB

■ C0B2DB

■ CEC8DB

■ DDEDEB

Harmonies

Analogous

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



0058FF



5919DB



C00090

Triad

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



5919DB



912F00



006B69

Complementary

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



5919DB



9BDB19

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.



006800



5919DB



4B5500

Square

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



5919DB



C20000



006300



006DBE

Rectangle

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



5919DB



D50058



006300



006A4A

Sweetspot

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



5919DB



D1BAFF



199EDB



645780



000000



808080

Same Dimension

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



5919DB



5400FF



B719DB



66636E



3900AD



0F002E

Inverse Universe

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



DB199B



FF00AB



3DDB19



6E636A



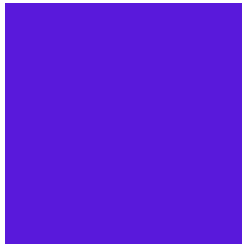
AD0074



2E001F

Previews

White Background



This preview shows how the Hex color 5919DB 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

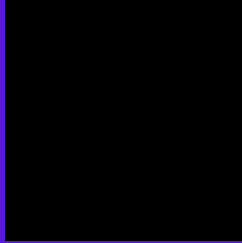
Any Text WCAG AA × Fail

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 5919DB Background



This preview shows how black text looks on a background with the Hex color 5919DB.

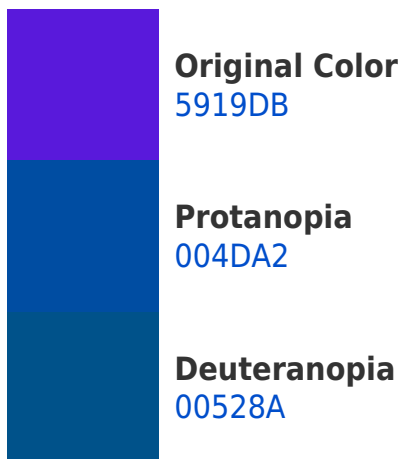


This preview shows how white text looks on a background with the Hex color 5919DB.

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



Trichromacy



Original Color
5919DB



Protanomaly
203AB7



Deuteranomaly
203DA7



Tritanomaly
35408B

Monochromacy



Original Color
5919DB



Achromatopsia
424242



Achromatomaly
4A337A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5919DB 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 #5919DB looks like.

```
.text, #text, p{  
    color:#5919DB  
}
```

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 #5919DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5919DB
}
```

Border

The CSS property to change the border of an element to Hex 5919DB is called "border". The border property can be set on classes, ids or directly on the HTML element.

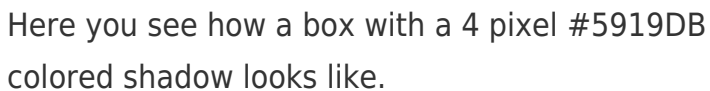
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5919DB }
```

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

```
.border{ border-color:#5919DB }
```

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



Here you see how a box with a 4 pixel #5919DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5919DB; -webkit-box-shadow:4px 4px  
4px 4px #5919DB; box-shadow:4px 4px 4px  
4px #5919DB }
```

Background

The CSS property to change the background color of an element to Hex 5919DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5919DB }
```

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

```
.background{ background-color:#5919DB }
```

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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