

Converting Colors

Hex(5101D6)

Have a look what the booklet for
Hex(5101D6) contains.

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Color

Hex(5101D6)

Conversions

Conversions Part 1

Format	Color
Hex	5101D6
RGB	81, 1, 214
RGB Percent	32%, 0%, 84%
CMY	0.6824, 0.9961, 0.1608
CMYK	0.62, 1.00, 0.00, 0.16
HSL	263°, 99%, 42%
HSV	263°, 100%, 84%
XYZ	15.5418, 6.6261, 64.0781
YIQ	49.2020, -20.6930, 83.2030

Conversions

Conversions Part 2

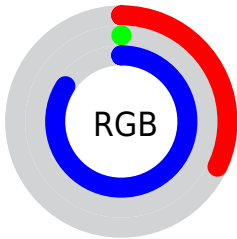
Format	Color
R_{YB}	81, 1, 214
Decimal	5308886
CIE _{Lab}	30.94, 71.09, -86.67
CIE _{LCh}	31, 112.096, 309.359
Yxy	6.6261, 0.1802, 0.0768
Android (android.graphics.Color)	4283498966 (0xFF5101D6)
YUV	49.2020, 81.2454, 27.8868
Hunter-Lab	25.7412, 62.7262, -129.5733

Details

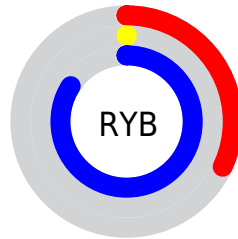
The Hex color **5101D6** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **86D601**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **9348FF**, and **00009E** is the 20% darker color. If you saturate the color by 10%, you get **5000D6**, and if you desaturate by 10%, it is **5E16D6**.

Distribution



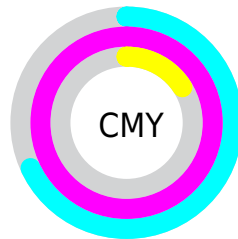
- Red (32%)
- Green (0%)
- Blue (84%)



- Red (32%)
- Yellow (0%)
- Blue (84%)



- Cyan (62%)
- Magenta (100%)
- Yellow (0%)
- Black (16%)



- Cyan (68%)
- Magenta (100%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5101D6 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 5101D6 by changing the saturation by 10% instead.

■ 5101D6

■ 5101D6

FFFFFF

■ 2700B9

■ 9348FF

■ 00009E

■ B263FF

■ 000082

■ D17FFF

■ 000068

■ F09BFF

■ 000A4F

■ FFB7FF

■ 000537

■ FFD4FF

■ 000221

■ FFF1FF

■ 000005

■ 000000

■ 5101D6

■ 5101D6

■ 5000D6

■ 5E16D6

■ 6C2CD6

■ 7941D6

■ 8657D6

■ 946CD6

■ A181D6

■ AF97D6

■ BCACD6

■ C9C2D6

Harmonies

Analogous

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



0052FF



5101D6



BB0089

Triad

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



5101D6



882700



006364

Complementary

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



5101D6



86D601

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.



006000



5101D6



404F00

Square

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



5101D6



BA0000



005C00



0066BA

Rectangle

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



5101D6



CF0050



005C00



006245

Sweetspot

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



5101D6



CFB3FF



0188D6



635280



000000



808080

Same Dimension

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



5101D6



6000FF



BA01D6



64606B



4000AB



10002B

Inverse Universe

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



D60186



FF009F



1DD601



6B6067



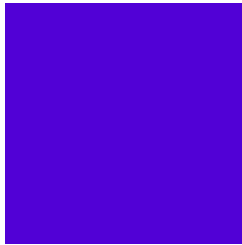
AB006B



2B001B

Previews

White Background



This preview shows how the Hex color 5101D6 looks on a white background.

Color Contrast Check

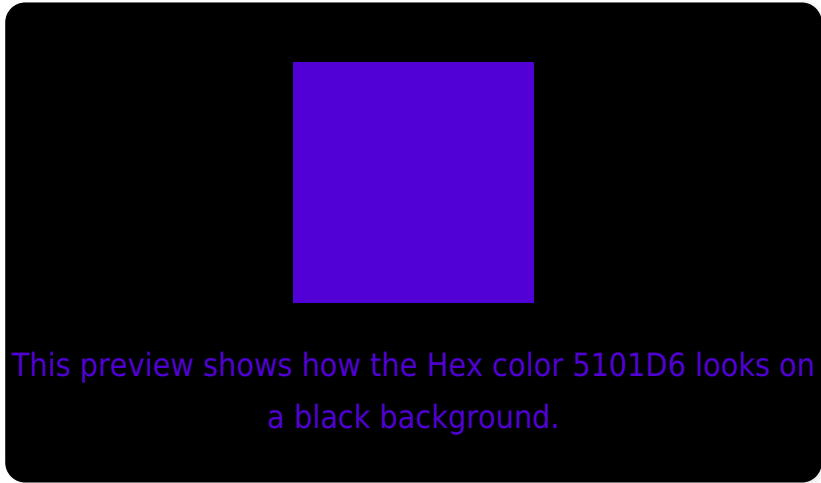
Large Text (above 18pt) WCAG AA ✓ Pass

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

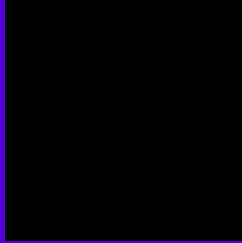
Any Text WCAG AA × Fail

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 5101D6 Background



This preview shows how black text looks on a background with the Hex color 5101D6.



This preview shows how white text looks on a background with the Hex color 5101D6.

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
5101D6

Protanopia
004897

Deuteranopia
004D81

Trichromacy



Original Color
5101D6

Protanomaly
1D2EAE

Deuteranomaly
1D31A0

Tritanomaly
1D3586

Monochromacy



Original Color
5101D6

Achromatopsia
313131

Achromatomaly
3D206D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5101D6 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 #5101D6 looks like.

```
.text, #text, p{  
    color:#5101D6  
}
```

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 #5101D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5101D6
}
```

Border

The CSS property to change the border of an element to Hex 5101D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

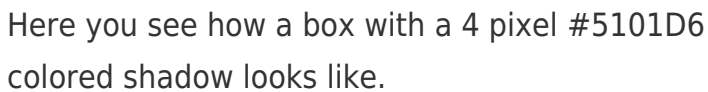
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5101D6 }
```

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

```
.border{ border-color:#5101D6 }
```

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



Here you see how a box with a 4 pixel #5101D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5101D6; -webkit-box-shadow:4px 4px  
4px 4px #5101D6; box-shadow:4px 4px 4px  
4px #5101D6 }
```

Background

The CSS property to change the background color of an element to Hex 5101D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5101D6 }
```

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

```
.background{ background-color:#5101D6 }
```

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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