

Converting Colors

Hex(5D1DB3)

Have a look what the booklet for
Hex(5D1DB3) contains.

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Color

Hex(5D1DB3)

Conversions

Conversions Part 1

Format	Color
Hex	5D1DB3
RGB	93, 29, 179
RGB Percent	36%, 11%, 70%
CMY	0.6353, 0.8863, 0.2980
CMYK	0.48, 0.84, 0.00, 0.30
HSL	266°, 72%, 41%
HSV	266°, 84%, 70%
XYZ	13.0902, 6.4606, 43.2049
YIQ	65.2360, -10.0060, 60.2180

Conversions

Conversions Part 2

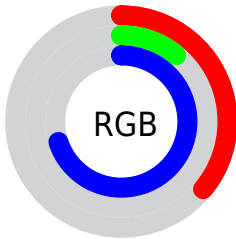
Format	Color
RYB	93, 29, 179
Decimal	6102451
CIELab	30.55, 57.58, -66.72
CIElCh	31, 88.128, 310.797
Yxy	6.4606, 0.2086, 0.1029
Android (android.graphics.Color)	4284292531 (0xFF5D1DB3)
YUV	65.2360, 56.0857, 24.3490
Hunter-Lab	25.4176, 47.4478, -82.9888

Details

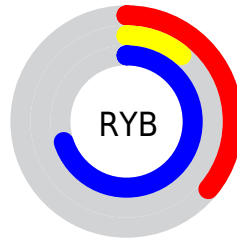
The Hex color **5D1DB3** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **73B31D**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **9753EC**, and **1A007D** is the 20% darker color. If you saturate the color by 10%, you get **530BB3**, and if you desaturate by 10%, it is **672FB3**.

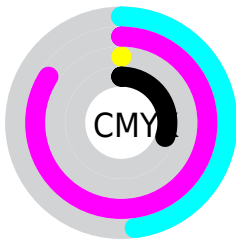
Distribution



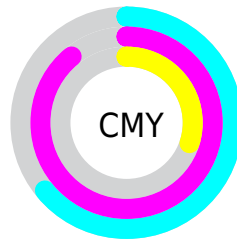
- Red (36%)
- Green (11%)
- Blue (70%)



- Red (36%)
- Yellow (11%)
- Blue (70%)



- Cyan (48%)
- Magenta (84%)
- Yellow (0%)
- Black (30%)



- Cyan (64%)
- Magenta (89%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D1DB3 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 5D1DB3 by changing the saturation by 10% instead.

5D1DB3

5D1DB3

FFFFFF

3F0098

9753EC

1A007D

B56EFF

000063

D288FF

00004A

F0A4FF

000432

FFC0FF

00021C

FFDCFF

000000

FFF9FF

5D1DB3

5D1DB3

■ 530BB3

■ 672FB3

■ 4C00B3

■ 7241B3

■ 7C53B3

■ 8665B3

■ 9077B3

■ 9B88B3

■ A59AB3

■ AFACB3

■ B9BEB3

Harmonies

Analogous

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



004CD4



5D1DB3



A50077

Triad

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



5D1DB3



7B3200



005F60

Complementary

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



5D1DB3



73B31D

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.



005D14



5D1DB3



424E00

Square

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



5D1DB3



A40000



005900



0061A3

Rectangle

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



5D1DB3



B5004A



005900



005F48

Sweetspot

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



5D1DB3



C7AEE8



1D75B3



615275



F5F5F5



757575

Same Dimension

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



5D1DB3



6300E8



A61DB3



545059



410099



0B001A

Inverse Universe

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



B31D73



E80085



2AB31D



595055



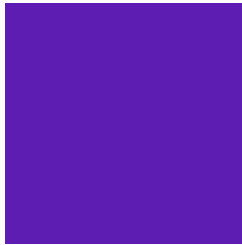
990058



1A000F

Previews

White Background



This preview shows how the Hex color 5D1DB3 looks on a white background.

Color Contrast Check

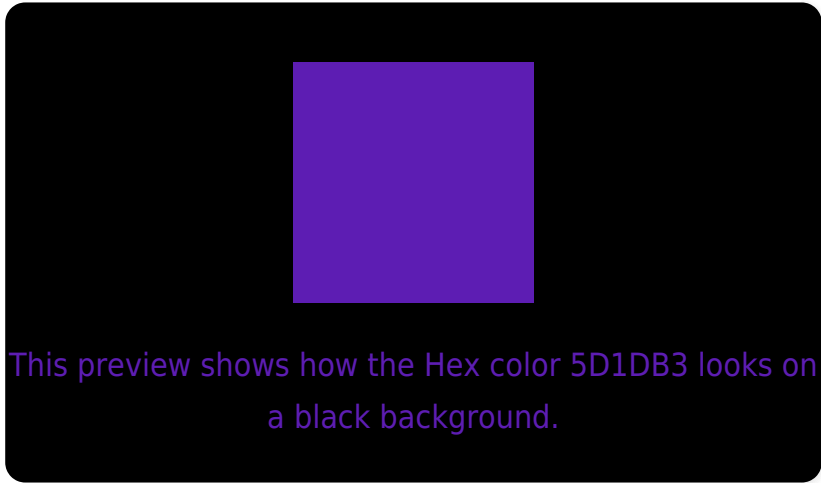
Large Text (above 18pt) WCAG AA ✓ Pass

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

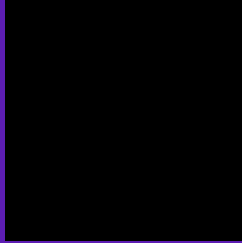
Any Text WCAG AA × Fail

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 5D1DB3 Background



This preview shows how black text looks on a background with the Hex color 5D1DB3.



This preview shows how white text looks on a background with the Hex color 5D1DB3.

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
5D1DB3

Protanopia
004694

Deuteranopia
004B7F



Tritanopia
424A4F

Trichromacy



Original Color
5D1DB3



Protanomaly
22379F



Deuteranomaly
223A92



Tritanomaly
4C3A73

Monochromacy



Original Color
5D1DB3



Achromatopsia
414141



Achromatomaly
4B346A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D1DB3 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 #5D1DB3 looks like.

```
.text, #text, p{  
    color:#5D1DB3  
}
```

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 #5D1DB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D1DB3
}
```

Border

The CSS property to change the border of an element to Hex 5D1DB3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

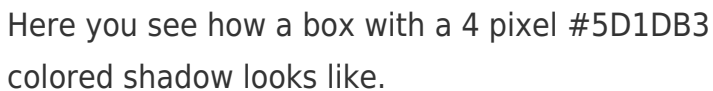
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D1DB3 }
```

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

```
.border{ border-color:#5D1DB3 }
```

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



Here you see how a box with a 4 pixel #5D1DB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D1DB3; -webkit-box-shadow:4px 4px  
4px 4px #5D1DB3; box-shadow:4px 4px 4px  
4px #5D1DB3 }
```

Background

The CSS property to change the background color of an element to Hex 5D1DB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D1DB3 }
```

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

```
.background{ background-color:#5D1DB3 }
```

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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