

Converting Colors

Hex(5B24DB)

Have a look what the booklet for
Hex(5B24DB) contains.

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Color

Hex(5B24DB)

Conversions

Conversions Part 1

Format	Color
Hex	5B24DB
RGB	91, 36, 219
RGB Percent	36%, 14%, 86%
CMY	0.6431, 0.8588, 0.1412
CMYK	0.58, 0.84, 0.00, 0.14
HSL	258°, 72%, 50%
HSV	258°, 84%, 86%
XYZ	17.7314, 8.6004, 67.7433
YIQ	73.3070, -25.9630, 68.5730

Conversions

Conversions Part 2

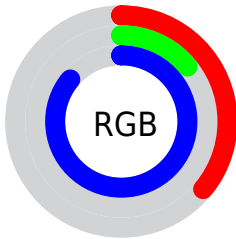
Format	Color
R_{YB}	91, 36, 219
Decimal	5973211
CIE _{Lab}	35.20, 64.99, -82.46
CIE _{LCh}	35, 104.992, 308.245
Yxy	8.6004, 0.1885, 0.0914
Android (android.graphics.Color)	4284163291 (0xFF5B24DB)
YUV	73.3070, 71.8266, 15.5168
Hunter-Lab	29.3264, 56.6042, -116.4301

Details

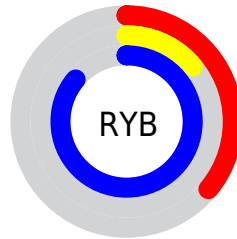
The Hex color **5B24DB** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **A4DB24**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **9A5BFF**, and **0000A2** is the 20% darker color. If you saturate the color by 10%, you get **4C0EDB**, and if you desaturate by 10%, it is **6A3ADB**.

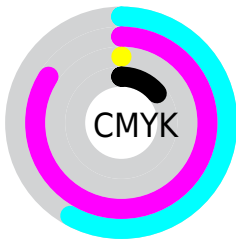
Distribution



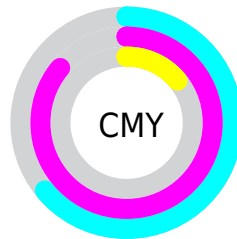
- Red (36%)
- Green (14%)
- Blue (86%)



- Red (36%)
- Yellow (14%)
- Blue (86%)



- Cyan (58%)
- Magenta (84%)
- Yellow (0%)
- Black (14%)



- Cyan (64%)
- Magenta (86%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B24DB 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 5B24DB by changing the saturation by 10% instead.

 5B24DB

 5B24DB

FFFFFF

 3600BE

 9A5BFF

 0000A2

 B975FF

 000087

 D891FF

 00006D

 F7ACFF

 000A53

 FFC9FF

 00063B

 FFE5FF

 000224

 00000D

 000000

■ 5B24DB

■ 5B24DB

■ 4C0EDB

■ 6A3ADB

■ 4200DB

■ 7A50DB

■ 8966DB

■ 987CDB

■ A892DB

■ B7A7DB

■ C6BDDB

■ D6D3DB

■ E5E9DB

Harmonies

Analogous

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



005BFF



5B24DB



BF0093

Triad

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



5B24DB



953200



006E69

Complementary

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



5B24DB



A4DB24

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.



006B02



5B24DB



515800

Square

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



5B24DB



C40000



006600



0070BC

Rectangle

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



5B24DB



D5005C



006600



006D4C

Sweetspot

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



5B24DB



D2BFFF



24A4DB



655980



000000



808080

Same Dimension

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



5B24DB



4D00FF



B624DB



66636E



3400AD



0E002E

Inverse Universe

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



DB24A4



FF00B2



49DB24



6E636A



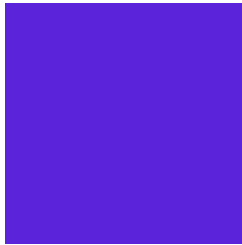
AD0079



2E0020

Previews

White Background



This preview shows how the Hex color 5B24DB 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

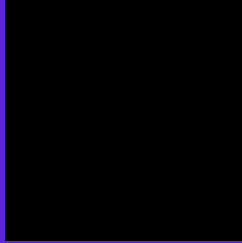
Any Text WCAG AA × Fail

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 5B24DB Background



This preview shows how black text looks on a background with the Hex color 5B24DB.

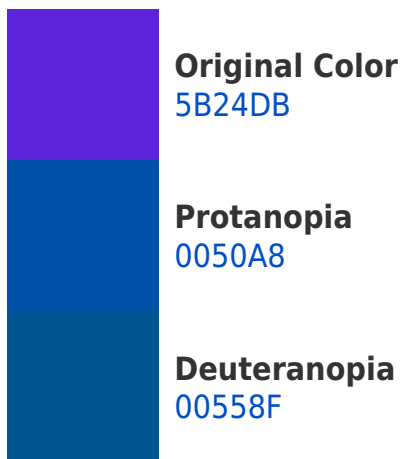


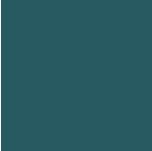
This preview shows how white text looks on a background with the Hex color 5B24DB.

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](#).

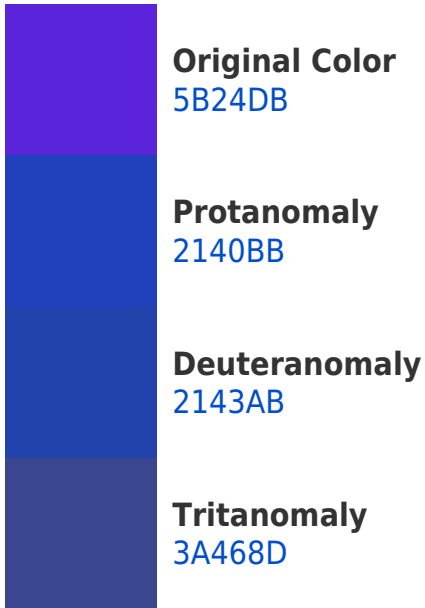
Dichromacy



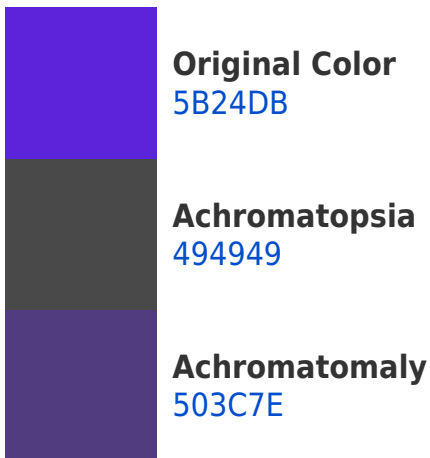


Tritanopia
275A61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B24DB 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 #5B24DB looks like.

```
.text, #text, p{  
    color:#5B24DB  
}
```

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 #5B24DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B24DB  
}
```

Border

The CSS property to change the border of an element to Hex 5B24DB 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".

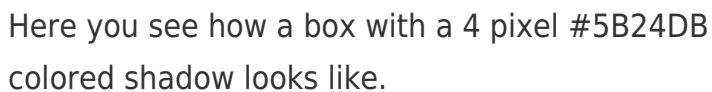
```
.border, #border, table{ border:4px solid  
#5B24DB }
```

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

```
.border{ border-color:#5B24DB }
```

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

Here you see how a box with a 4 pixel #5B24DB colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and describes the visual result of the CSS code provided.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B24DB; -webkit-box-shadow:4px 4px  
4px 4px #5B24DB; box-shadow:4px 4px 4px  
4px #5B24DB }
```

Background

The CSS property to change the background color of an element to Hex 5B24DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B24DB }
```

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

```
.background{ background-color:#5B24DB }
```

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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