

# Converting Colors

Hex(5D24DB)

Have a look what the booklet for  
Hex(5D24DB) contains.

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**Color**

**Hex(5D24DB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D24DB
RGB	93, 36, 219
RGB Percent	36%, 14%, 86%
CMY	0.6353, 0.8588, 0.1412
CMYK	0.58, 0.84, 0.00, 0.14
HSL	259°, 72%, 50%
HSV	259°, 84%, 86%
XYZ	17.9313, 8.7034, 67.7527
YIQ	73.9050, -24.7710, 68.9970

# Conversions

## Conversions Part 2

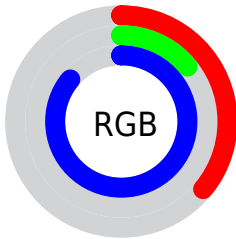
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 36, 219
Decimal	6104283
CIE <sub>Lab</sub>	35.41, 65.18, -82.11
CIE <sub>LCh</sub>	35, 104.842, 308.444
Yxy	8.7034, 0.1900, 0.0922
Android (android.graphics.Color)	4284294363 (0xFF5D24DB)
YUV	73.9050, 71.5318, 16.7463
Hunter-Lab	29.5015, 56.8662, -115.5134

# Details

The Hex color **5D24DB** 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 **A2DB24**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **9C5BFF**, and **0000A2** is the 20% darker color. If you saturate the color by 10%, you get **4E0EDB**, and if you desaturate by 10%, it is **6C3ADB**.

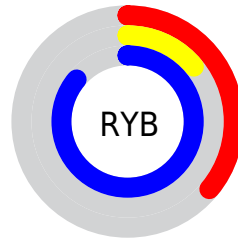
# Distribution



Red (36%)

Green (14%)

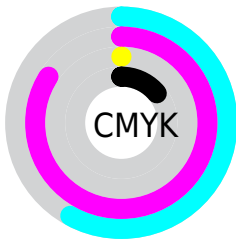
Blue (86%)



Red (36%)

Yellow (14%)

Blue (86%)

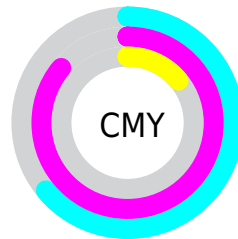


Cyan (58%)

Magenta (84%)

Yellow (0%)

Black (14%)



Cyan (64%)

Magenta (86%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D24DB 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 5D24DB by changing the saturation by 10% instead.



 5D24DB

 5D24DB

FFFFFF

 3900BE

 9C5BFF

 0000A2

 BB76FF

 000087

 DA91FF

 00006D

 F9ADFF

 000953

 FFC9FF

 00063B

 FFE6FF

 000224

 00000D

 000000

■ 5D24DB

■ 5D24DB

■ 4E0EDB

■ 6C3ADB

■ 4400DB

■ 7B50DB

■ 8A66DB

■ 997CDB

■ A892DB

■ B7A7DB

■ C7BDDB

■ D6D3DB

■ E5E9DB

# Harmonies

## Analogous

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



005BFF



5D24DB



C00093

# Triad

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



5D24DB



953300



006F6A

# Complementary

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



5D24DB



A2DB24

# 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.



006C04



5D24DB



515800

# Square

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



5D24DB



C50000



006700



0071BD

# Rectangle

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



5D24DB



D6005C



006700



006E4D



# Sweetspot

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



5D24DB



D3BFFF



24A4DB



655980



000000



808080



# Same Dimension

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



5D24DB



4F00FF



B624DB



66636E



3600AD



0E002E



# Inverse Universe

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



DB24A2



FF00B0



49DB24



6E636A



AD0077

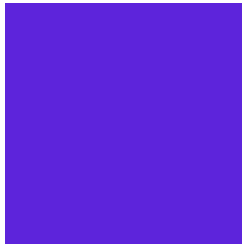


2E0020



# Previews

## White Background



This preview shows how the Hex color 5D24DB 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

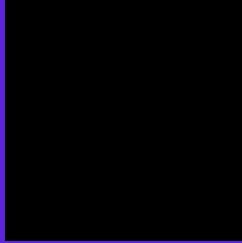
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D24DB Background



This preview shows how black text looks on a background with the Hex color 5D24DB.

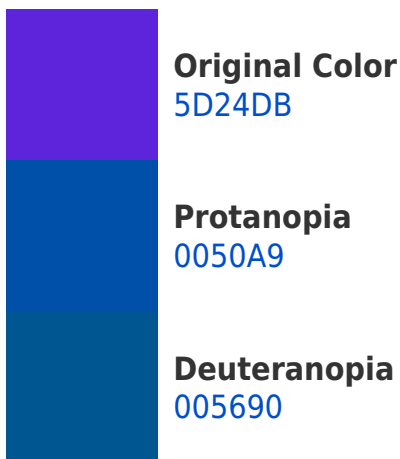


This preview shows how white text looks on a background with the Hex color 5D24DB.

# 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**  
2C5A61

# Trichromacy



**Original Color**  
5D24DB



**Protanomaly**  
2240BB



**Deuteranomaly**  
2244AB



**Tritanomaly**  
3E468D

# Monochromacy



**Original Color**  
5D24DB



**Achromatopsia**  
4A4A4A



**Achromatomaly**  
513C7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D24DB 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 #5D24DB looks like.

```
.text, #text, p{  
  color:#5D24DB  
}
```

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 #5D24DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D24DB
}
```

## Border

The CSS property to change the border of an element to Hex 5D24DB 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
#5D24DB }
```

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

```
.border{ border-color:#5D24DB }
```

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

Here you see how a box with a 4 pixel #5D24DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D24DB; -webkit-box-shadow:4px 4px  
4px 4px #5D24DB; box-shadow:4px 4px 4px  
4px #5D24DB }
```

# Background

The CSS property to change the background color of an element to Hex 5D24DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D24DB }
```

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

```
.background{ background-color:#5D24DB }
```

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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