

Converting Colors

Hex(5D49B5)

Have a look what the booklet for
Hex(5D49B5) contains.

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Color

Hex(5D49B5)

Conversions

Conversions Part 1

Format	Color
Hex	5D49B5
RGB	93, 73, 181
RGB Percent	36%, 29%, 71%
CMY	0.6353, 0.7137, 0.2902
CMYK	0.49, 0.60, 0.00, 0.29
HSL	251°, 43%, 50%
HSV	251°, 60%, 71%
XYZ	15.2372, 10.4284, 44.9259
YIQ	91.2920, -22.7480, 37.8280

Conversions

Conversions Part 2

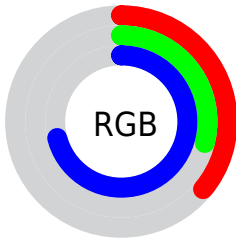
Format	Color
RYB	93, 73, 181
Decimal	6113717
CIELab	38.60, 36.27, -54.75
CIELCh	39, 65.678, 303.522
Yxy	10.4284, 0.2159, 0.1477
Android (android.graphics.Color)	4284303797 (0xFF5D49B5)
YUV	91.2920, 44.2260, 1.4979
Hunter-Lab	32.2931, 27.7109, -59.8785

Details

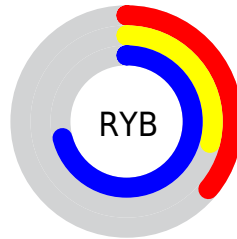
The Hex color **5D49B5** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A1B549**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **957AEE**, and **201B7F** is the 20% darker color. If you saturate the color by 10%, you get **4E37B5**, and if you desaturate by 10%, it is **6C5BB5**.

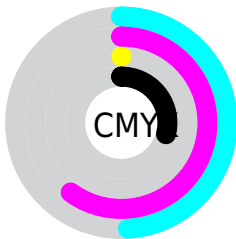
Distribution



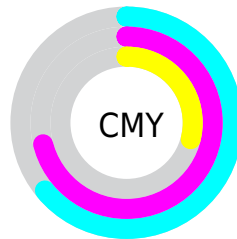
- Red (36%)
- Green (29%)
- Blue (71%)



- Red (36%)
- Yellow (29%)
- Blue (71%)



- Cyan (49%)
- Magenta (60%)
- Yellow (0%)
- Black (29%)



- Cyan (64%)
- Magenta (71%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D49B5 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 5D49B5 by changing the saturation by 10% instead.

■ 5D49B5

■ 5D49B5

FFFFFF

■ 40329A

■ 957AEE

■ 201B7F

■ B295FF

■ 000665

■ CFAFFF

■ 00004D

■ ECCBFF

■ 000535

■ FFE7FF

■ 00021F

■ 000002

■ 000000

■ 5D49B5

■ 5D49B5

■ 4E37B5

■ 6C5BB5

■ 4025B5

■ 7A6DB5

■ 3113B5

■ 897FB5

■ 2201B5

■ 9891B5

■ 2200B5

■ A7A4B5

■ B5B6B5

■ C4C8B5

■ D3DAB5

■ E2ECB5

Harmonies

Analogous

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



0060C7



5D49B5



9D258B

Triad

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



5D49B5



934500



007160

Complementary

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



5D49B5



A1B549

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.



006E27



5D49B5



6A5B00

Square

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



5D49B5



AF2323



306800



007195

Rectangle

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



5D49B5



B10569



306800



00704D

Sweetspot

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



5D49B5



C8C0EB



49A1B5



605B75



F5F5F5



757575

Same Dimension

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



5D49B5



6142EB



9349B5



525059



1C0099



05001A

Inverse Universe

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



B549A1



EB42CB



6BB549



595058



99007D



1A0015

Previews

White Background



This preview shows how the Hex color 5D49B5 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

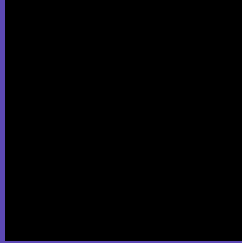
Any Text WCAG AA × Fail

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 5D49B5 Background



This preview shows how black text looks on a background with the Hex color 5D49B5.

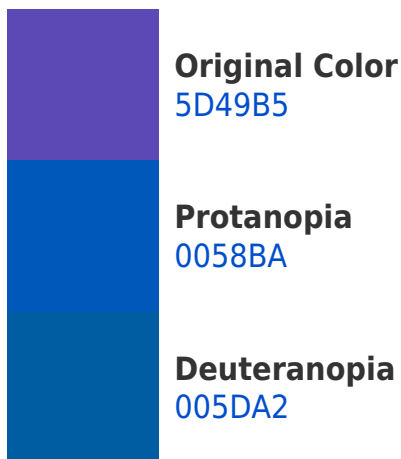


This preview shows how white text looks on a background with the Hex color 5D49B5.

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
465F66

Trichromacy



Original Color
5D49B5



Protanomaly
2253B8



Deuteranomaly
2256A9



Tritanomaly
4E5783

Monochromacy



Original Color
5D49B5



Achromatopsia
5B5B5B



Achromatomaly
5C547C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D49B5 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 #5D49B5 looks like.

```
.text, #text, p{  
    color:#5D49B5  
}
```

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 #5D49B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D49B5
}
```

Border

The CSS property to change the border of an element to Hex 5D49B5 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
#5D49B5 }
```

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

```
.border{ border-color:#5D49B5 }
```

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

Here you see how a box with a 4 pixel #5D49B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D49B5; -webkit-box-shadow:4px 4px  
4px 4px #5D49B5; box-shadow:4px 4px 4px  
4px #5D49B5 }
```

Background

The CSS property to change the background color of an element to Hex 5D49B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D49B5 }
```

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

```
.background{ background-color:#5D49B5 }
```

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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