

Converting Colors

Hex(5D27D9)

Have a look what the booklet for
Hex(5D27D9) contains.

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Color

Hex(5D27D9)

Conversions

Conversions Part 1

Format	Color
Hex	5D27D9
RGB	93, 39, 217
RGB Percent	36%, 15%, 85%
CMY	0.6353, 0.8471, 0.1490
CMYK	0.57, 0.82, 0.00, 0.15
HSL	258°, 70%, 50%
HSV	258°, 82%, 85%
XYZ	17.7641, 8.7879, 66.4056
YIQ	75.4380, -24.9540, 66.8060

Conversions

Conversions Part 2

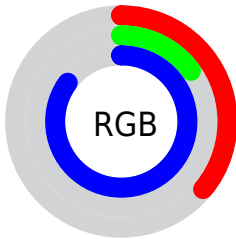
Format	Color
RYB	93, 39, 217
Decimal	6105049
CIELab	35.57, 63.58, -80.69
CIELCh	36, 102.726, 308.235
Yxy	8.7879, 0.1911, 0.0945
Android (android.graphics.Color)	4284295129 (0xFF5D27D9)
YUV	75.4380, 69.7901, 15.4019
Hunter-Lab	29.6445, 55.0862, -112.0625




Details

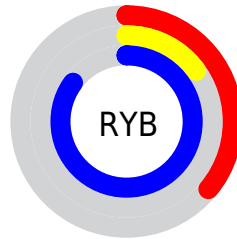
The Hex color **5D27D9** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **A3D927**, and the grayscale version is **4B4B4B**.




A 20% lighter version of the original color is **9C5DFF**, and **0000A1** is the 20% darker color. If you saturate the color by 10%, you get **4E11D9**, and if you desaturate by 10%, it is **6C3DD9**.

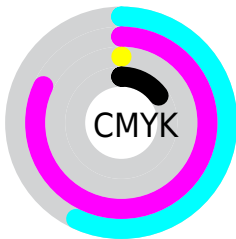
Distribution







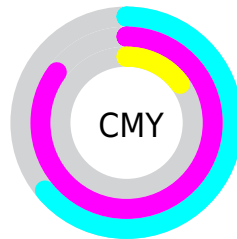
-  Red (36%)
-  Green (15%)
-  Blue (85%)






-  Red (36%)
-  Yellow (15%)
-  Blue (85%)



-  Cyan (57%)
-  Magenta (82%)
-  Yellow (0%)
-  Black (15%)



-  Cyan (64%)
-  Magenta (85%)
-  Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D27D9 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 5D27D9 by changing the saturation by 10% instead.

■ 5D27D9

■ 5D27D9

FFFFFF

■ 3A03BC

■ 9C5DFF

■ 0000A1

■ BA78FF

■ 000085

■ D993FF

■ 00006B

■ F8AEFF

■ 000A52

■ FFCBFF

■ 00053A

■ FFE7FF

■ 000223

■ 00000A

■ 000000

■ 5D27D9

■ 5D27D9

■ 4E11D9

■ 6C3DD9

■ 4200D9

■ 7B52D9

■ 8A68D9

■ 997ED9

■ A993D9

■ B8A9D9

■ C7BFD9

■ D6D5D9

■ E5EAD9

Harmonies

Analogous

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



005CFD



5D27D9



BE0093

Triad

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



5D27D9



953400



006F6A

Complementary

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



5D27D9



A3D927

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.



006C06



5D27D9



525900

Square

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



5D27D9



C40000



006700



0071BA

Rectangle

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



5D27D9



D4005D



006700



006E4D

Sweetspot

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



5D27D9



D3BFFF



27A4D9



655980



000000



808080

Same Dimension

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



5D27D9



5105FF



B527D9



66636E



3500AD



0E002E

Inverse Universe

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



D927A3



FF05B3



4BD927



6E636A



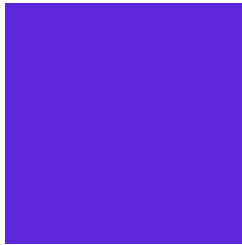
AD0079



2E0020

Previews

White Background



This preview shows how the Hex color 5D27D9 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

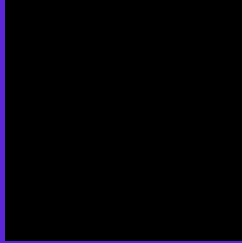
Any Text WCAG AA × Fail

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 5D27D9 Background



This preview shows how black text looks on a background with the Hex color 5D27D9.

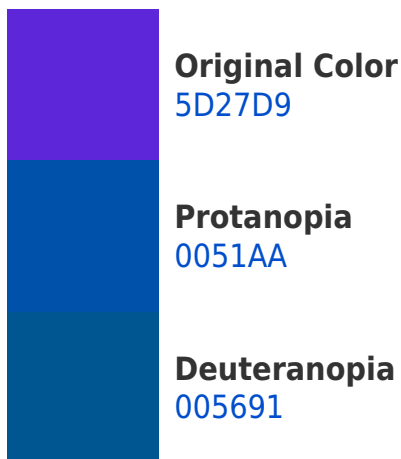


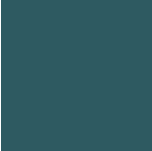
This preview shows how white text looks on a background with the Hex color 5D27D9.

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
2E5A61

Trichromacy



Original Color

5D27D9



Protanomaly

2242BB



Deuteranomaly

2245AB



Tritanomaly

3F478D

Monochromacy



Original Color

5D27D9



Achromatopsia

4B4B4B



Achromatomaly

523E7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D27D9 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 #5D27D9 looks like.

```
.text, #text, p{  
  color:#5D27D9  
}
```

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 #5D27D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D27D9
}
```

Border

The CSS property to change the border of an element to Hex 5D27D9 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
#5D27D9 }
```

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

```
.border{ border-color:#5D27D9 }
```

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

Here you see how a box with a 4 pixel #5D27D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D27D9; -webkit-box-shadow:4px 4px  
4px 4px #5D27D9; box-shadow:4px 4px 4px  
4px #5D27D9 }
```

Background

The CSS property to change the background color of an element to Hex 5D27D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D27D9 }
```

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

```
.background{ background-color:#5D27D9 }
```

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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