

Converting Colors

Hex(521D7D)

Have a look what the booklet for
Hex(521D7D) contains.

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Color

Hex(521D7D)

Conversions

Conversions Part 1

Format	Color
Hex	521D7D
RGB	82, 29, 125
RGB Percent	32%, 11%, 49%
CMY	0.6784, 0.8863, 0.5098
CMYK	0.34, 0.77, 0.00, 0.51
HSL	273°, 62%, 30%
HSV	273°, 77%, 49%
XYZ	7.6207, 4.1532, 19.8020
YIQ	55.7910, 0.7720, 41.0920

Conversions

Conversions Part 2

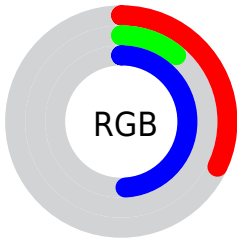
Format	Color
R_{YB}	82, 29, 125
Decimal	5381501
CIE _{Lab}	24.17, 42.45, -44.05
CIE _{LCh}	24, 61.176, 313.939
Yxy	4.1532, 0.2413, 0.1315
Android (android.graphics.Color)	4283571581 (0xFF521D7D)
YUV	55.7910, 34.1200, 22.9853
Hunter-Lab	20.3795, 31.0842, -43.3444

Details

The Hex color **521D7D** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **487D1D**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **874FB2**, and **1E004B** is the 20% darker color. If you saturate the color by 10%, you get **4C117D**, and if you desaturate by 10%, it is **582A7D**.

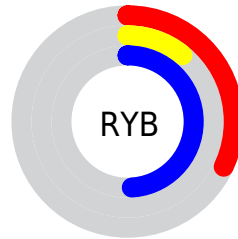
Distribution



Red (32%)

Green (11%)

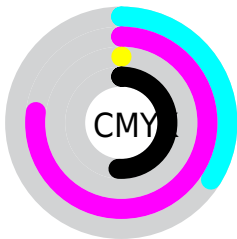
Blue (49%)



Red (32%)

Yellow (11%)

Blue (49%)

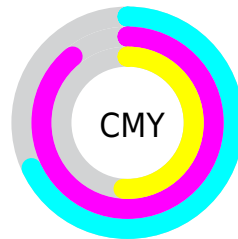


Cyan (34%)

Magenta (77%)

Yellow (0%)

Black (51%)



Cyan (68%)

Magenta (89%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 521D7D 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 521D7D by changing the saturation by 10% instead.

 521D7D

 521D7D

FFFFFF

 380164

 874FB2

 1E004B

 A368CE

 000034

 BF82EB

 00021D

 DC9DFF

 000000

 F9B8FF

 FFD4FF

 FFF1FF

 521D7D

 521D7D

■ 4C117D

■ 582A7D

■ 47047D

■ 5D367D

■ 45007D

■ 63437D

■ 684F7D

■ 6E5C7D

■ 74687D

■ 79757D

■ 7F817D

■ 848E7D

Harmonies

Analogous

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



003995



521D7D



7C0054

Triad

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



521D7D



5B2E00



004B4F

Complementary

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



521D7D



487D1D

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.



004A1E



521D7D



343E00

Square

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



521D7D



780800



004600



004B7A

Rectangle

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



521D7D



850036



004600



004B3F

Sweetspot

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



521D7D



927EA3



1D487D



473B52



D1D1D1



525252

Same Dimension

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



521D7D



600DA3



7D1D78



3D3940



460080



000000

Inverse Universe

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



7D1D48



A30D50



1D7D22



40393C



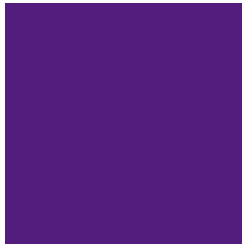
800039



000000

Previews

White Background



This preview shows how the Hex color 521D7D looks on a white background.

Color Contrast Check

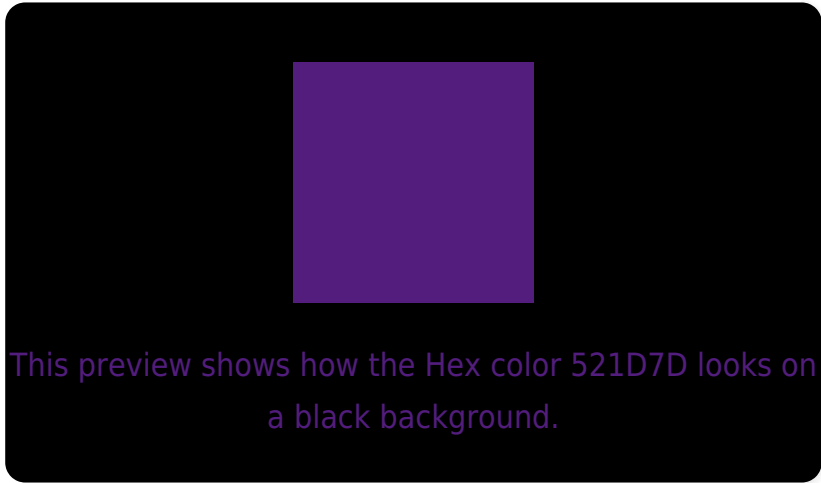
Large Text (above 18pt) WCAG AA ✓ Pass

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

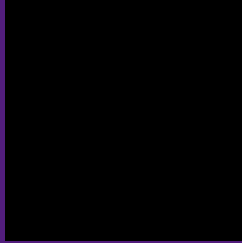
Any Text WCAG AA × Fail

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 521D7D Background



This preview shows how black text looks on a background with the Hex color 521D7D.



This preview shows how white text looks on a background with the Hex color 521D7D.

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](#).

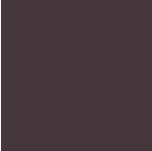
Dichromacy



Original Color
521D7D

Protanopia
003977

Deuteranopia
003C68



Tritanopia
45363B

Trichromacy



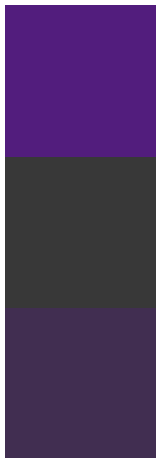
Original Color
521D7D

Protanomaly
1E2F79

Deuteranomaly
1E3170

Tritanomaly
4A2D53

Monochromacy



Original Color
521D7D

Achromatopsia
383838

Achromatomaly
412E51

CSS Examples

Text

The CSS property to change the color of the text to Hex 521D7D 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 #521D7D looks like.

```
.text, #text, p{  
    color:#521D7D  
}
```

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 #521D7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #521D7D
}
```

Border

The CSS property to change the border of an element to Hex 521D7D is called "border". The border property can be set on classes, ids or directly on the HTML element.

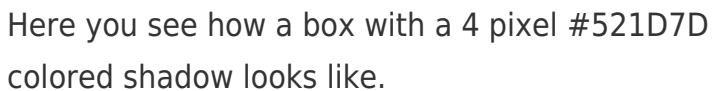
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#521D7D }
```

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

```
.border{ border-color:#521D7D }
```

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



Here you see how a box with a 4 pixel #521D7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #521D7D; -webkit-box-shadow:4px 4px  
4px 4px #521D7D; box-shadow:4px 4px 4px  
4px #521D7D }
```

Background

The CSS property to change the background color of an element to Hex 521D7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#521D7D }
```

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

```
.background{ background-color:#521D7D }
```

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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