

Converting Colors

Hex(9721D7)

Have a look what the booklet for
Hex(9721D7) contains.

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Color

Hex(9721D7)

Conversions

Conversions Part 1

Format	Color
Hex	9721D7
RGB	151, 33, 215
RGB Percent	59%, 13%, 84%
CMY	0.4078, 0.8706, 0.1569
CMYK	0.30, 0.85, 0.00, 0.16
HSL	279°, 73%, 49%
HSV	279°, 85%, 84%
XYZ	25.5721, 12.5733, 65.3691
YIQ	89.0300, 11.9060, 81.6180

Conversions

Conversions Part 2

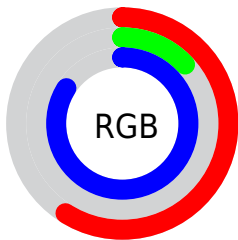
Format	Color
R_{YB}	151, 33, 215
Decimal	9904599
CIE _{Lab}	42.11, 72.30, -68.53
CIE _{LCh}	42, 99.612, 316.534
Yxy	12.5733, 0.2470, 0.1215
Android (android.graphics.Color)	4288094679 (0xFF9721D7)
YUV	89.0300, 62.1032, 54.3477
Hunter-Lab	35.4589, 66.6769, -84.4810

Details

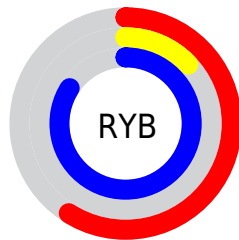
The Hex color **9721D7** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **61D721**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **D260FF**, and **5C009F** is the 20% darker color. If you saturate the color by 10%, you get **8F0BD7**, and if you desaturate by 10%, it is **9F36D7**.

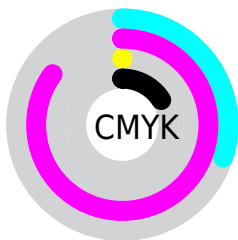
Distribution



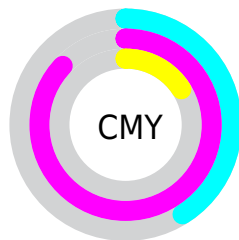
- Red (59%)
- Green (13%)
- Blue (84%)



- Red (59%)
- Yellow (13%)
- Blue (84%)



- Cyan (30%)
- Magenta (85%)
- Yellow (0%)
- Black (16%)



- Cyan (41%)
- Magenta (87%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9721D7 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 9721D7 by changing the saturation by 10% instead.

 9721D7

 9721D7

FFFFFF

 7A00BB

 D260FF

 5C009F

 F17CFF

 3E0084

 FF98FF

 1E006A

 FFB5FF

 000051

 FFD2FF

 000538

 FFF0FF

 000222

 000008

 000000

■ 9721D7

■ 9721D7

■ 8F0BD7

■ 9F36D7

■ 8B00D7

■ A64CD7

■ AE61D7

■ B577D7

■ BD8CD7

■ C4A2D7

■ CCB8D7

■ D3CDD7

■ DBE3D7

Harmonies

Analogous

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



0061FF



9721D7



DB008C

Triad

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



9721D7



985200



008191

Complementary

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



9721D7



61D721

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.



007F39



9721D7



4E6E00

Square

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



9721D7



CC0000



007A00



0081DC

Rectangle

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



9721D7



E80056



007A00



008174

Sweetspot

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



9721D7



E9BFFF



2164D7



725980



000000



808080

Same Dimension

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



9721D7



A500FF



D721BF



67606B



6F00AB



1C002B

Inverse Universe

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



D72161



FF005A



21D739



6B6064



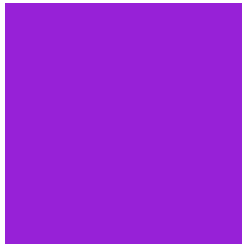
AB003C



2B000F

Previews

White Background



This preview shows how the Hex color 9721D7 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

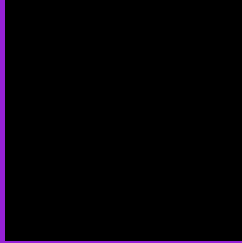
Any Text WCAG AA × Fail

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 9721D7 Background



This preview shows how black text looks on a background with the Hex color 9721D7.



This preview shows how white text looks on a background with the Hex color 9721D7.

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



Trichromacy



Original Color
9721D7



Deuteranomaly
374DBF



Tritanomaly
8A448B

Monochromacy



Original Color
9721D7



Achromatopsia
595959



Achromatomaly
704587

CSS Examples

Text

The CSS property to change the color of the text to Hex 9721D7 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 #9721D7 looks like.

```
.text, #text, p{  
    color:#9721D7  
}
```

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 #9721D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9721D7
}
```

Border

The CSS property to change the border of an element to Hex 9721D7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

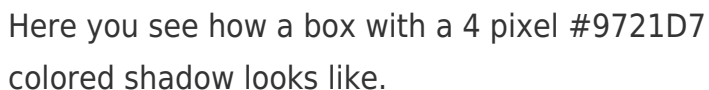
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9721D7 }
```

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

```
.border{ border-color:#9721D7 }
```

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



Here you see how a box with a 4 pixel #9721D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9721D7; -webkit-box-shadow:4px 4px  
4px 4px #9721D7; box-shadow:4px 4px 4px  
4px #9721D7 }
```

Background

The CSS property to change the background color of an element to Hex 9721D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9721D7 }
```

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

```
.background{ background-color:#9721D7 }
```

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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