

# Converting Colors

Hex(7921CC)

Have a look what the booklet for  
Hex(7921CC) contains.

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**Color**

**Hex(7921CC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7921CC
RGB	121, 33, 204
RGB Percent	47%, 13%, 80%
CMY	0.5255, 0.8706, 0.2000
CMYK	0.41, 0.84, 0.00, 0.20
HSL	271°, 72%, 46%
HSV	271°, 84%, 80%
XYZ	19.3281, 9.5123, 57.9441
YIQ	78.8060, -2.4430, 71.8370

# Conversions

## Conversions Part 2

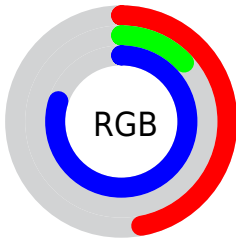
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 33, 204
Decimal	7938508
CIE <sub>Lab</sub>	36.95, 65.78, -70.78
CIE <sub>LCh</sub>	37, 96.627, 312.906
Yxy	9.5123, 0.2227, 0.1096
Android (android.graphics.Color)	4286128588 (0xFF7921CC)
YUV	78.8060, 61.7206, 37.0041
Hunter-Lab	30.8420, 57.8890, -89.8011

# Details

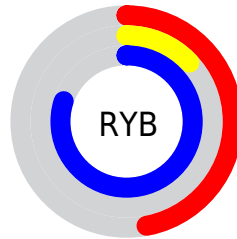
The Hex color **7921CC** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **74CC21**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **B45BFF**, and **3C0094** is the 20% darker color. If you saturate the color by 10%, you get **6F0DCC**, and if you desaturate by 10%, it is **8335CC**.

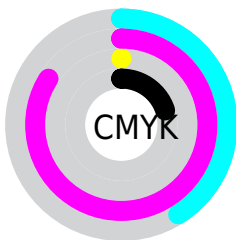
# Distribution



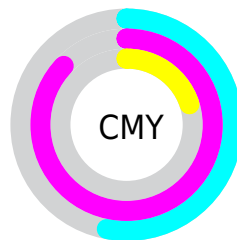
- Red (47%)
- Green (13%)
- Blue (80%)



- Red (47%)
- Yellow (13%)
- Blue (80%)



- Cyan (41%)
- Magenta (84%)
- Yellow (0%)
- Black (20%)



- Cyan (53%)
- Magenta (87%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7921CC 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 7921CC by changing the saturation by 10% instead.



 7921CC

 7921CC

FFFFFF

 5B00B0

 B45BFF

 3C0094

 D276FF

 14007A

 F092FF

 000060

 FFAEFF

 000147

 FFCBFF

 00042F

 FFE8FF

 00011A

 000000

 7921CC

 7921CC

6F0DCC

8335CC

6900CC

8D4ACC

975ECC

A173CC

AB87CC

B49BCC

BEB0CC

C8C4CC

D2D9CC

# Harmonies

## Analogous

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



0059F4



7921CC



C40087

# Triad

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



7921CC



8E4200



007278

# Complementary

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



7921CC



74CC21

# 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.



007024



7921CC



4B5F00

# Square

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



7921CC



BE0000



006B00



0073C2

# Rectangle

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



7921CC



D30054



006B00



00715D



# Sweetspot

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



7921CC



E0BFFF



2176CC



6D5980



000000



808080



# Same Dimension

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



7921CC



8300FF



CC21CC



615C66



5500A6



140026



# Inverse Universe

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



CC2174



FF007C



21CC21



665C61



A60050



260013



# Previews

## White Background



This preview shows how the Hex color 7921CC 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

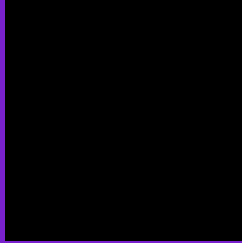
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7921CC Background



This preview shows how black text looks on a background with the Hex color 7921CC.

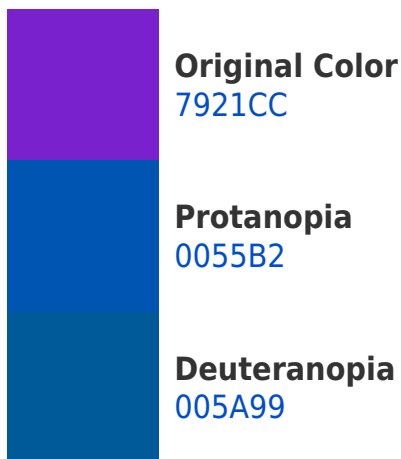



This preview shows how white text looks on a background with the Hex color 7921CC.

# 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**  
60545A

# Trichromacy



**Original Color**  
7921CC



**Protanomaly**  
2C42BB



**Deuteranomaly**  
2C45AC



**Tritanomaly**  
694183

# Monochromacy



**Original Color**  
7921CC



**Achromatopsia**  
4F4F4F



**Achromatomaly**  
5E3E7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7921CC 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 #7921CC looks like.

```
.text, #text, p{  
    color:#7921CC  
}
```

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 #7921CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7921CC  
}
```

## Border

The CSS property to change the border of an element to Hex 7921CC 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  
#7921CC }
```

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

```
.border{ border-color:#7921CC }
```

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

Here you see how a box with a 4 pixel #7921CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7921CC; -webkit-box-shadow:4px 4px  
4px 4px #7921CC; box-shadow:4px 4px 4px  
4px #7921CC }
```

# Background

The CSS property to change the background color of an element to Hex 7921CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7921CC }
```

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

```
.background{ background-color:#7921CC }
```

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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