

Converting Colors

Hex(4921DE)

Have a look what the booklet for
Hex(4921DE) contains.

Hex(4921DE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4921DE)

Conversions

Conversions Part 1

Format	Color
Hex	4921DE
RGB	73, 33, 222
RGB Percent	29%, 13%, 87%
CMY	0.7137, 0.8706, 0.1294
CMYK	0.67, 0.85, 0.00, 0.13
HSL	253°, 74%, 50%
HSV	253°, 85%, 87%
XYZ	16.4763, 7.7781, 69.7402
YIQ	66.5060, -36.8290, 67.2590

Conversions

Conversions Part 2

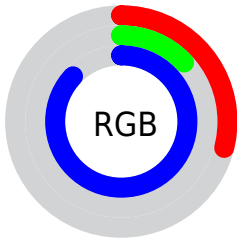
Format	Color
R_{YB}	73, 33, 222
Decimal	4792798
CIE Lab	33.52, 65.36, -87.03
CIE LCh	34, 108.836, 306.907
Yxy	7.7781, 0.1753, 0.0828
Android (android.graphics.Color)	4282982878 (0xFF4921DE)
YUV	66.5060, 76.6585, 5.6952
Hunter-Lab	27.8893, 56.6475, -128.7387

Details

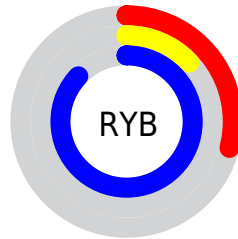
The Hex color **4921DE** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **B6DE21**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **8D57FF**, and **0000A5** is the 20% darker color. If you saturate the color by 10%, you get **370BDE**, and if you desaturate by 10%, it is **5B37DE**.

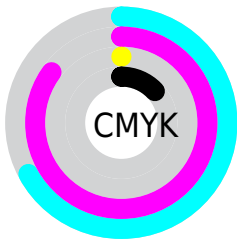
Distribution



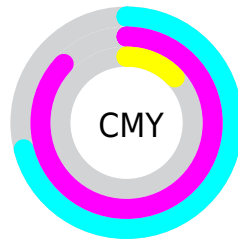
- Red (29%)
- Green (13%)
- Blue (87%)



- Red (29%)
- Yellow (13%)
- Blue (87%)



- Cyan (67%)
- Magenta (85%)
- Yellow (0%)
- Black (13%)



- Cyan (71%)
- Magenta (87%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4921DE 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 4921DE by changing the saturation by 10% instead.

4921DE

4921DE

FFFFFF

1700C1

8D57FF

0000A5

AD72FF

00008A

CC8DFF

00006F

EBA8FF

000C56

FFC4FF

00063D

FFE1FF

000327

FFFEFF

000110

000000

■ 4921DE

■ 4921DE

■ 370BDE

■ 5B37DE

■ 2F00DE

■ 6C4DDE

■ 7E64DE

■ 8F7ADE

■ A190DE

■ B2A6DE

■ C4BCDE

■ D5D3DE

■ E7E9DE

Harmonies

Analogous

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



005AFF



4921DE



BB0095

Triad

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



4921DE



942900



006962

Complementary

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



4921DE



B6DE21

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.



006700



4921DE



4F5300

Square

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



4921DE



C30000



006200



006CB8

Rectangle

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



4921DE



D3005C



006200



006943

Sweetspot

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



4921DE



CBBDFE



21B8DE



605880



000000



808080

Same Dimension

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



4921DE



3600FF



A521DE



676570



2500B0



0A0030

Inverse Universe

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



DE21B6



FF00C9



5ADE21



70656E



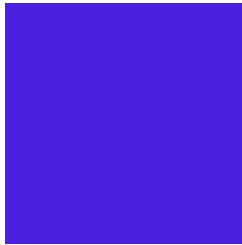
B0008B



300026

Previews

White Background



This preview shows how the Hex color 4921DE 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

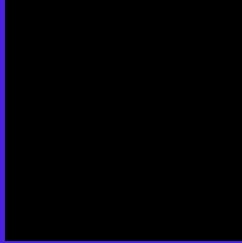
Any Text WCAG AA × Fail

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 4921DE Background



This preview shows how black text looks on a background with the Hex color 4921DE.



This preview shows how white text looks on a background with the Hex color 4921DE.

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](#).

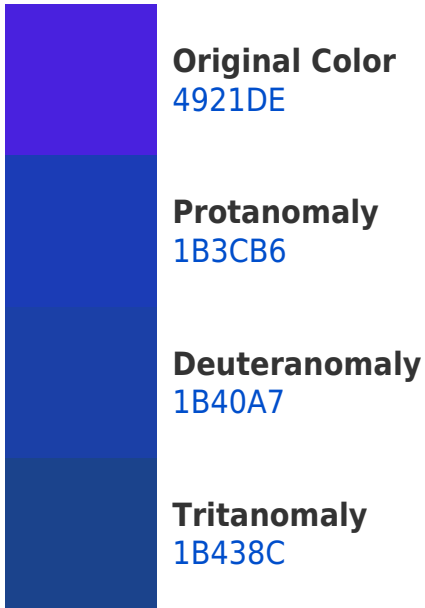
Dichromacy



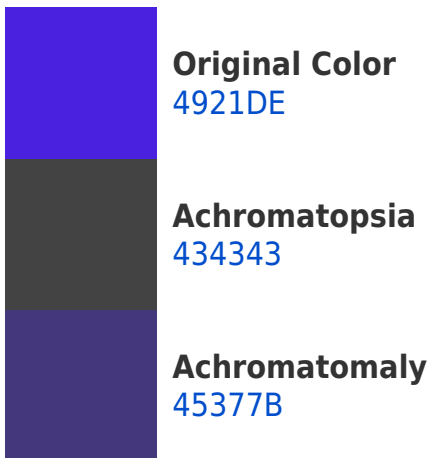


Tritanopia
00575D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4921DE 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 #4921DE looks like.

```
.text, #text, p{  
    color:#4921DE  
}
```

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 #4921DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4921DE
}
```

Border

The CSS property to change the border of an element to Hex 4921DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

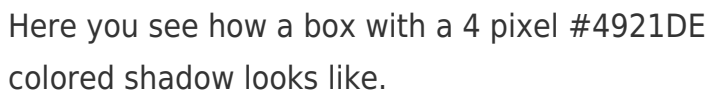
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4921DE }
```

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

```
.border{ border-color:#4921DE }
```

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



Here you see how a box with a 4 pixel #4921DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4921DE; -webkit-box-shadow:4px 4px  
4px 4px #4921DE; box-shadow:4px 4px 4px  
4px #4921DE }
```

Background

The CSS property to change the background color of an element to Hex 4921DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4921DE }
```

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

```
.background{ background-color:#4921DE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor