

# Converting Colors

Hex(4925DA)

Have a look what the booklet for  
Hex(4925DA) contains.

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# Color

**Hex(4925DA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4925DA
RGB	73, 37, 218
RGB Percent	29%, 15%, 85%
CMY	0.7137, 0.8549, 0.1451
CMYK	0.67, 0.83, 0.00, 0.15
HSL	252°, 71%, 50%
HSV	252°, 83%, 85%
XYZ	16.0641, 7.8016, 66.9888
YIQ	68.3980, -36.6450, 63.9230

# Conversions

## Conversions Part 2

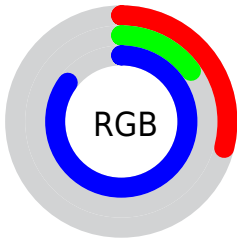
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 37, 218
Decimal	4793818
CIE <sub>Lab</sub>	33.57, 62.80, -84.64
CIE <sub>LCh</sub>	34, 105.395, 306.572
Yxy	7.8016, 0.1768, 0.0859
Android (android.graphics.Color)	4282983898 (0xFF4925DA)
YUV	68.3980, 73.7538, 4.0360
Hunter-Lab	27.9313, 53.7810, -122.6460

# Details

The Hex color **4925DA** 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 **B6DA25**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **8C5AFF**, and **0000A1** is the 20% darker color. If you saturate the color by 10%, you get **380FDA**, and if you desaturate by 10%, it is **5A3BDA**.

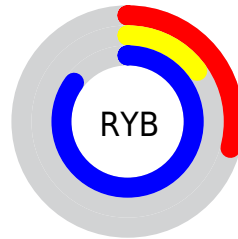
# Distribution



Red (29%)

Green (15%)

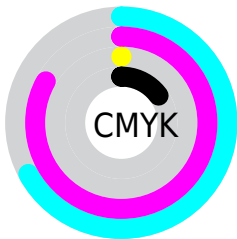
Blue (85%)



Red (29%)

Yellow (15%)

Blue (85%)

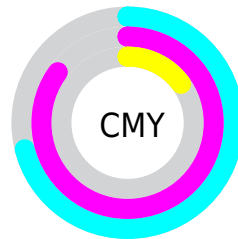


Cyan (67%)

Magenta (83%)

Yellow (0%)

Black (15%)



Cyan (71%)

Magenta (85%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4925DA 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 4925DA by changing the saturation by 10% instead.



 4925DA

 4925DA

FFFFFF

 1903BD

 8C5AFF

 0000A1

 AB74FF

 000086

 CA8FFF

 00006C

 EAAAFF

 000B52

 FFC6FF

 00063A

 FFE3FF

 000224

 00000B

 000000

■ 4925DA

■ 4925DA

■ 380FDA

■ 5A3BDA

■ 2B00DA

■ 6C51DA

■ 7D66DA

■ 8F7CDA

■ A092DA

■ B2A8DA

■ C3BEDA

■ D5D3DA

■ E6E9DA

# Harmonies

## Analogous

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



0059FD



4925DA



B80094

# Triad

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



4925DA



932A00



006960

# Complementary

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



4925DA



B6DA25

# 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



4925DA



515300

# Square

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



4925DA



C10000



006200



006CB4

# Rectangle

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



4925DA



CF005D



006200



006843



# Sweetspot

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



4925DA



CCBFFF



25B9DA



615980



000000



808080



# Same Dimension

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



4925DA



3300FF



A125DA



65636E



2200AD



09002E



# Inverse Universe

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



DA25B6



FF00CC



5EDA25



6E636B



AD008B

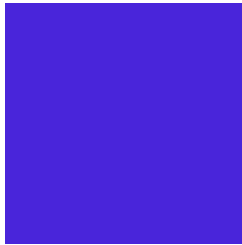


2E0025



# Previews

## White Background



This preview shows how the Hex color 4925DA looks on a white background.

## Color Contrast Check

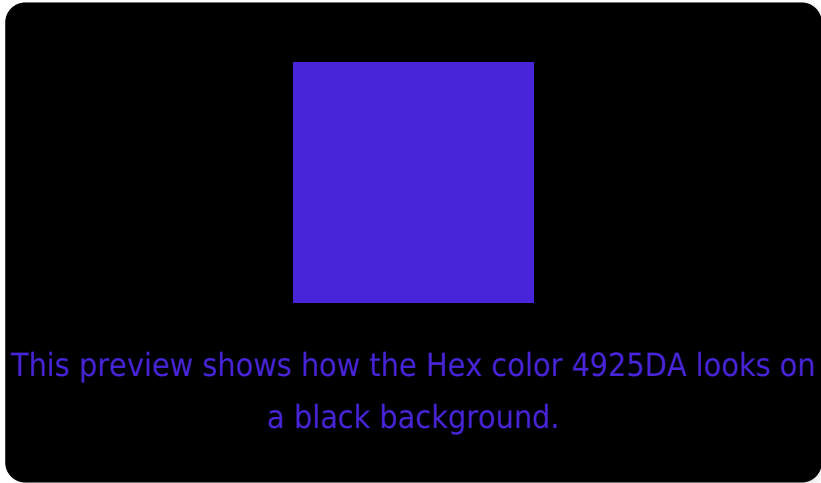
Large Text (above 18pt) WCAG AA ✓ Pass

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

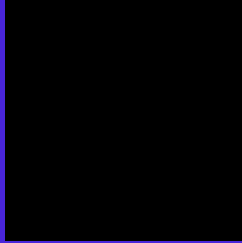
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4925DA Background



This preview shows how black text looks on a background with the Hex color 4925DA.

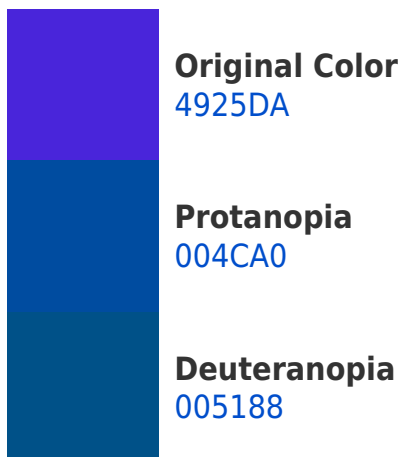



This preview shows how white text looks on a background with the Hex color 4925DA.

# 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



**Original Color**  
4925DA



**Protanomaly**  
1B3EB5



**Deuteranomaly**  
1B41A6



**Tritanomaly**  
1B458A

# Monochromacy



**Original Color**  
4925DA



**Achromatopsia**  
444444



**Achromatomaly**  
46397B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4925DA 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 #4925DA looks like.

```
.text, #text, p{  
    color:#4925DA  
}
```

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 #4925DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4925DA
}
```

## Border

The CSS property to change the border of an element to Hex 4925DA 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
#4925DA }
```

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

```
.border{ border-color:#4925DA }
```

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

Here you see how a box with a 4 pixel #4925DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4925DA; -webkit-box-shadow:4px 4px  
4px 4px #4925DA; box-shadow:4px 4px 4px  
4px #4925DA }
```

# Background

The CSS property to change the background color of an element to Hex 4925DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4925DA }
```

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

```
.background{ background-color:#4925DA }
```

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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