

# Converting Colors

Hex(6922DD)

Have a look what the booklet for  
Hex(6922DD) contains.

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**Color**

**Hex(6922DD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6922DD
RGB	105, 34, 221
RGB Percent	41%, 13%, 87%
CMY	0.5882, 0.8667, 0.1333
CMYK	0.52, 0.85, 0.00, 0.13
HSL	263°, 73%, 50%
HSV	263°, 85%, 87%
XYZ	19.4489, 9.3678, 69.1897
YIQ	76.5470, -17.7110, 73.2090

# Conversions

## Conversions Part 2

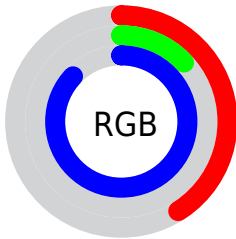
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 34, 221
Decimal	6890205
CIE <sub>Lab</sub>	36.68, 67.56, -81.11
CIE <sub>LCh</sub>	37, 105.561, 309.790
Yxy	9.3678, 0.1984, 0.0956
Android (android.graphics.Color)	4285080285 (0xFF6922DD)
YUV	76.5470, 71.2153, 24.9533
Hunter-Lab	30.6068, 59.8646, -112.6061

# Details

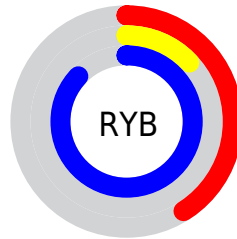
The Hex color **6922DD** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **96DD22**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **A75BFF**, and **1D00A4** is the 20% darker color. If you saturate the color by 10%, you get **5B0CDD**, and if you desaturate by 10%, it is **7738DD**.

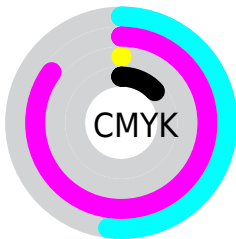
# Distribution



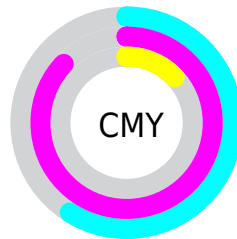
- Red (41%)
- Green (13%)
- Blue (87%)



- Red (41%)
- Yellow (13%)
- Blue (87%)



- Cyan (52%)
- Magenta (85%)
- Yellow (0%)
- Black (13%)



- Cyan (59%)
- Magenta (87%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6922DD 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 6922DD by changing the saturation by 10% instead.



6922DD

6922DD

FFFFFF

4800C0

A75BFF

1D00A4

C676FF

000089

E491FF

00006F

FFADFF

000455

FFCAFF

00063D

FFE7FF

000326

00010F

000000

■ 6922DD

■ 6922DD

■ 5B0CDD

■ 7738DD

■ 5400DD

■ 844EDD

■ 9264DD

■ A07ADD

■ AE91DD

■ BBA7DD

■ C9BDDD

■ D7D3DD

■ E4E9DD

# Harmonies

## Analogous

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



005DFF



6922DD



C70093

# Triad

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



6922DD



963900



007272

# Complementary

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



6922DD



96DD22

# 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.



00700F



6922DD



515D00

# Square

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



6922DD



C80000



006B00



0074C4

# Rectangle

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



6922DD



DB005B



006B00



007154



# Sweetspot

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



6922DD



D7BFFF



2298DD



685980



000000



808080



# Same Dimension

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



6922DD



6100FF



C422DD



67636E



4200AD



11002E



# Inverse Universe

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



DD2296



FF009E



3BDD22



6E6369



AD006C

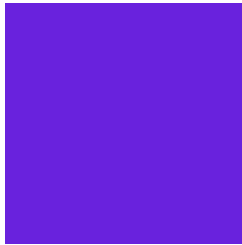


2E001C



# Previews

## White Background



This preview shows how the Hex color 6922DD 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

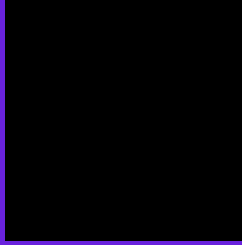
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6922DD Background



This preview shows how black text looks on a background with the Hex color 6922DD.

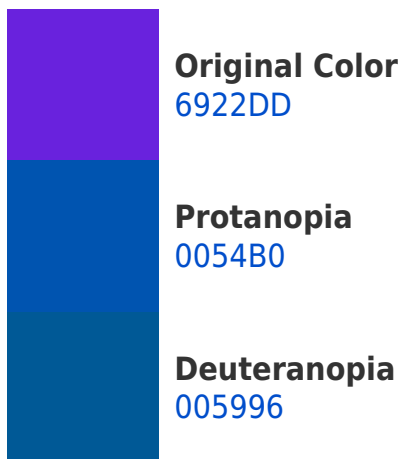



This preview shows how white text looks on a background with the Hex color 6922DD.

# 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](#).

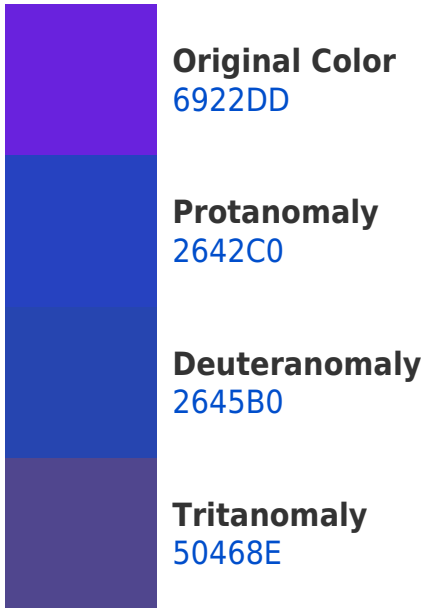
## Dichromacy



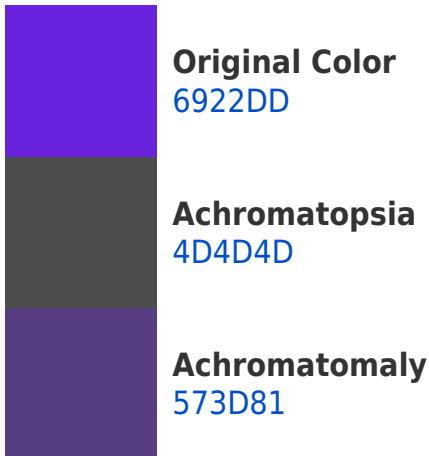


**Tritanopia**  
425A61

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6922DD 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 #6922DD looks like.

```
.text, #text, p{  
    color:#6922DD  
}
```

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 #6922DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6922DD
}
```

## Border

The CSS property to change the border of an element to Hex 6922DD 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
#6922DD }
```

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

```
.border{ border-color:#6922DD }
```

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

Here you see how a box with a 4 pixel #6922DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6922DD; -webkit-box-shadow:4px 4px  
4px 4px #6922DD; box-shadow:4px 4px 4px  
4px #6922DD }
```

# Background

The CSS property to change the background color of an element to Hex 6922DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6922DD }
```

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

```
.background{ background-color:#6922DD }
```

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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