

Converting Colors

Hex(4D22C9)

Have a look what the booklet for
Hex(4D22C9) contains.

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Color

Hex(4D22C9)

Conversions

Conversions Part 1

Format	Color
Hex	4D22C9
RGB	77, 34, 201
RGB Percent	30%, 13%, 79%
CMY	0.6980, 0.8667, 0.2118
CMYK	0.62, 0.83, 0.00, 0.21
HSL	255°, 71%, 46%
HSV	255°, 83%, 79%
XYZ	14.1752, 6.9389, 55.8506
YIQ	65.8950, -27.9790, 61.0530

Conversions

Conversions Part 2

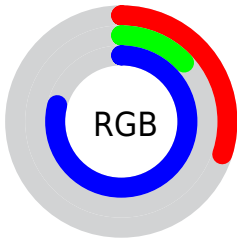
Format	Color
R_{YB}	77, 34, 201
Decimal	5055177
CIE Lab	31.67, 59.69, -77.91
CIE LCh	32, 98.151, 307.457
Yxy	6.9389, 0.1842, 0.0902
Android (android.graphics.Color)	4283245257 (0xFF4D22C9)
YUV	65.8950, 66.6068, 9.7391
Hunter-Lab	26.3418, 49.9576, -107.2692

Details

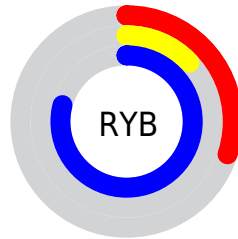
The Hex color **4D22C9** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **9EC922**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **8C57FF**, and **000091** is the 20% darker color. If you saturate the color by 10%, you get **3E0EC9**, and if you desaturate by 10%, it is **5C36C9**.

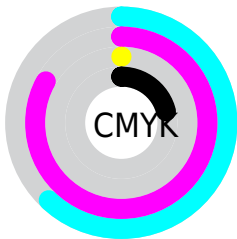
Distribution



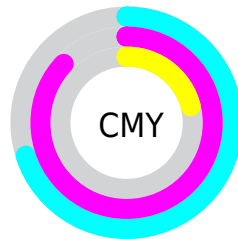
- Red (30%)
- Green (13%)
- Blue (79%)



- Red (30%)
- Yellow (13%)
- Blue (79%)



- Cyan (62%)
- Magenta (83%)
- Yellow (0%)
- Black (21%)



- Cyan (70%)
- Magenta (87%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D22C9 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 4D22C9 by changing the saturation by 10% instead.

■ 4D22C9

■ 4D22C9

FFFFFF

■ 2600AD

■ 8C57FF

■ 000091

■ AB71FF

■ 000077

■ C98CFF

■ 00005D

■ E8A7FF

■ 000844

■ FFC3FF

■ 00032D

■ FFDFFF

■ 000117

■ FFFDFF

■ 000000

■ 4D22C9

■ 4D22C9

■ 3E0EC9

■ 5C36C9

■ 3400C9

■ 6B4AC9

■ 7A5EC9

■ 8972C9

■ 9887C9

■ A79BC9

■ B5AFC9

■ C4C3C9

■ D3D7C9

Harmonies

Analogous

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



0053EA



4D22C9



AD0088

Triad

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



4D22C9



882B00



00635D

Complementary

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



4D22C9



9EC922

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.



006100



4D22C9



4B4F00

Square

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



4D22C9



B40000



005C00



0065A9

Rectangle

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



4D22C9



C20055



005C00



006342

Sweetspot

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



4D22C9



D0BFFF



229FC9



635980



000000



808080

Same Dimension

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



4D22C9



4200FF



9F22C9



5C5A63



2A00A3



090024

Inverse Universe

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



C9229E



FF00BD



4CC922



635A61



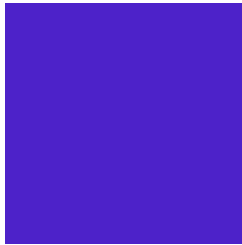
A30079



24001B

Previews

White Background



This preview shows how the Hex color 4D22C9 looks on a white background.

Color Contrast Check

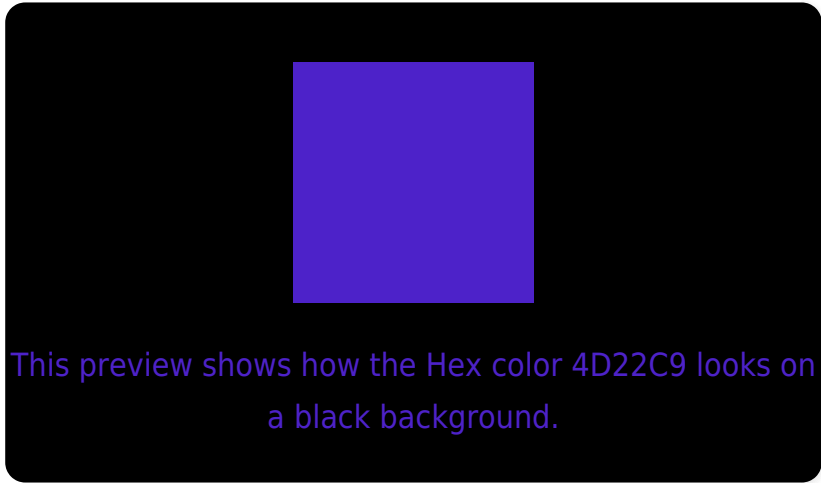
Large Text (above 18pt) WCAG AA ✓ Pass

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

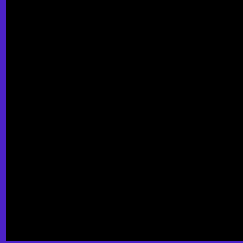
Any Text WCAG AA × Fail

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 4D22C9 Background



This preview shows how black text looks on a background with the Hex color 4D22C9.

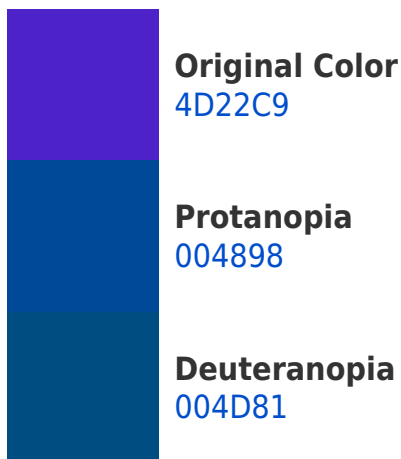


This preview shows how white text looks on a background with the Hex color 4D22C9.

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
4D22C9

Protanomaly
1C3AAA

Deuteranomaly
1C3D9B

Monochromacy



Original Color
4D22C9

Achromatopsia
424242

Achromatomaly
463673

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D22C9 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 #4D22C9 looks like.

```
.text, #text, p{  
    color:#4D22C9  
}
```

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 #4D22C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D22C9
}
```

Border

The CSS property to change the border of an element to Hex 4D22C9 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
#4D22C9 }
```

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

```
.border{ border-color:#4D22C9 }
```

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

Here you see how a box with a 4 pixel #4D22C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D22C9; -webkit-box-shadow:4px 4px  
4px 4px #4D22C9; box-shadow:4px 4px 4px  
4px #4D22C9 }
```

Background

The CSS property to change the background color of an element to Hex 4D22C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D22C9 }
```

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

```
.background{ background-color:#4D22C9 }
```

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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