

Converting Colors

Hex(4222C2)

Have a look what the booklet for
Hex(4222C2) contains.

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Color

Hex(4222C2)

Conversions

Conversions Part 1

Format	Color
Hex	4222C2
RGB	66, 34, 194
RGB Percent	26%, 13%, 76%
CMY	0.7412, 0.8667, 0.2392
CMYK	0.66, 0.82, 0.00, 0.24
HSL	252°, 70%, 45%
HSV	252°, 82%, 76%
XYZ	12.5564, 6.1973, 51.5733
YIQ	61.8080, -32.2880, 56.5440

Conversions

Conversions Part 2

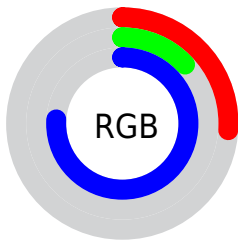
Format	Color
R_{YB}	66, 34, 194
Decimal	4334274
CIE _{Lab}	29.90, 56.78, -76.76
CIE _{LCh}	30, 95.477, 306.495
Yxy	6.1973, 0.1785, 0.0881
Android (android.graphics.Color)	4282524354 (0xFF4222C2)
YUV	61.8080, 65.1707, 3.6764
Hunter-Lab	24.8945, 46.4674, -105.4037

Details

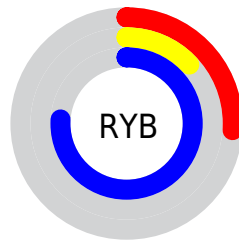
The Hex color **4222C2** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **A2C222**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **8355FC**, and **00008B** is the 20% darker color. If you saturate the color by 10%, you get **320FC2**, and if you desaturate by 10%, it is **5235C2**.

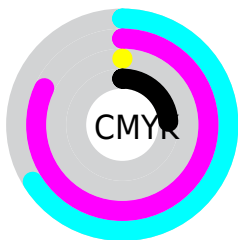
Distribution



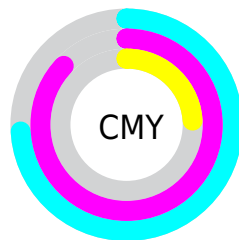
- Red (26%)
- Green (13%)
- Blue (76%)



- Red (26%)
- Yellow (13%)
- Blue (76%)



- Cyan (66%)
- Magenta (82%)
- Yellow (0%)
- Black (24%)



- Cyan (74%)
- Magenta (87%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4222C2 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 4222C2 by changing the saturation by 10% instead.

4222C2

4222C2

FFFFFF

1403A6

8355FC

00008B

A16FFF

000070

BF8AFF

000257

DEA5FF

00063E

FDC0FF

000328

FFDDFF

000111

FFFAFF

000000

4222C2

4222C2

■ 320FC2

■ 5235C2

■ 2700C2

■ 6149C2

■ 715CC2

■ 8070C2

■ 9083C2

■ 9F96C2

■ AFAAC2

■ BEBDC2

■ CED1C2

Harmonies

Analogous

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



004FE1



4222C2



A30084

Triad

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



4222C2



832600



005E56

Complementary

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



4222C2



A2C222

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.



005C00



4222C2



494A00

Square

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



4222C2



AC0000



005700



0060A0

Rectangle

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



4222C2



B90053



005700



005D3C

Sweetspot

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



4222C2



CABDFC



22A2C2



615980



000000



808080

Same Dimension

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



4222C2



3503FC



9222C2



595761



2000A1



070021

Inverse Universe

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



C222A2



FC03CA



52C222



61575F



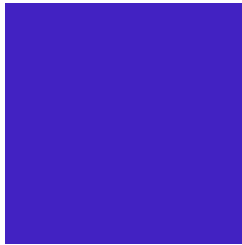
A10081



21001B

Previews

White Background



This preview shows how the Hex color 4222C2 looks on a white background.

Color Contrast Check

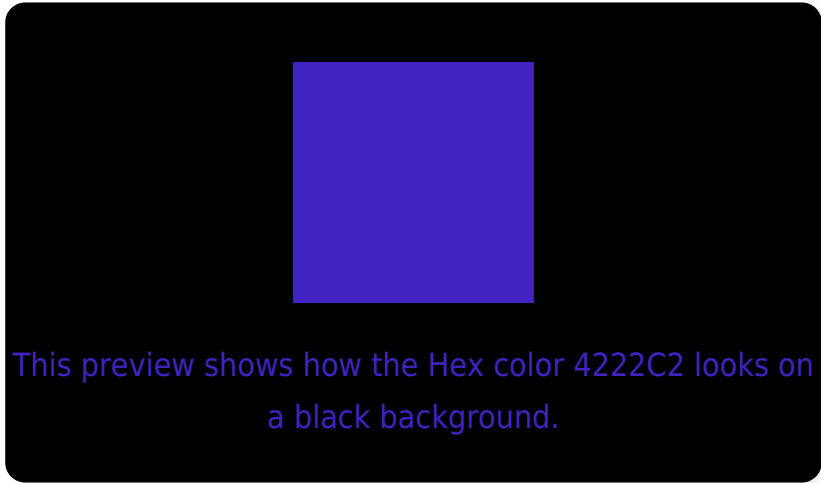
Large Text (above 18pt) WCAG AA ✓ Pass

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

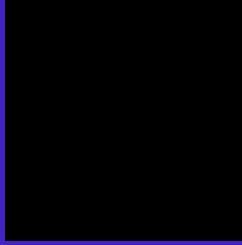
Any Text WCAG AA × Fail

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 4222C2 Background



This preview shows how black text looks on a background with the Hex color 4222C2.

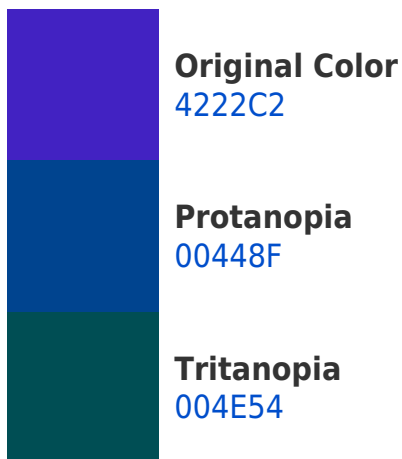


This preview shows how white text looks on a background with the Hex color 4222C2.

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
4222C2

Protanomaly
1838A2

Tritanomaly
183E7C

Monochromacy



Original Color
4222C2

Achromatopsia
3E3E3E

Achromatomaly
3F346E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4222C2 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 #4222C2 looks like.

```
.text, #text, p{  
    color:#4222C2  
}
```

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 #4222C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4222C2
}
```

Border

The CSS property to change the border of an element to Hex 4222C2 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
#4222C2 }
```

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

```
.border{ border-color:#4222C2 }
```

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

Here you see how a box with a 4 pixel #4222C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4222C2; -webkit-box-shadow:4px 4px  
4px 4px #4222C2; box-shadow:4px 4px 4px  
4px #4222C2 }
```

Background

The CSS property to change the background color of an element to Hex 4222C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4222C2 }
```

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

```
.background{ background-color:#4222C2 }
```

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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