

Converting Colors

Hex(222CA7)

Have a look what the booklet for
Hex(222CA7) contains.

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Color

Hex(222CA7)

Conversions

Conversions Part 1

Format	Color
Hex	222CA7
RGB	34, 44, 167
RGB Percent	13%, 17%, 65%
CMY	0.8667, 0.8275, 0.3451
CMYK	0.80, 0.74, 0.00, 0.35
HSL	235°, 66%, 39%
HSV	235°, 80%, 65%
XYZ	8.5354, 4.9315, 37.0612
YIQ	55.0320, -45.4430, 36.1330

Conversions

Conversions Part 2

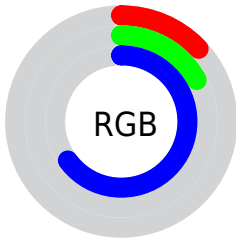
Format	Color
R_{YB}	34, 43, 167
Decimal	2239655
CIE _{Lab}	26.54, 40.55, -66.30
CIE _{LCh}	27, 77.717, 301.451
Yxy	4.9315, 0.1689, 0.0976
Android (android.graphics.Color)	4280429735 (0xFF222CA7)
YUV	55.0320, 55.2002, -18.4451
Hunter-Lab	22.2069, 29.7460, -83.4046

Details

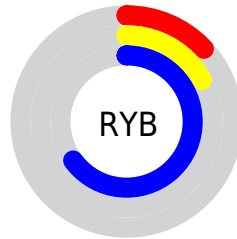
The Hex color **222CA7** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A79D22**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **675BDF**, and **000372** is the 20% darker color. If you saturate the color by 10%, you get **111DA7**, and if you desaturate by 10%, it is **333BA7**.

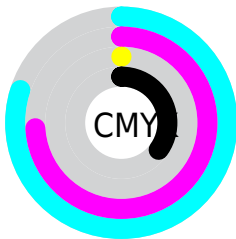
Distribution



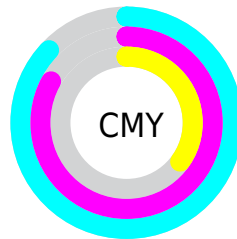
- Red (13%)
- Green (17%)
- Blue (65%)



- Red (13%)
- Yellow (17%)
- Blue (65%)



- Cyan (80%)
- Magenta (74%)
- Yellow (0%)
- Black (35%)



- Cyan (87%)
- Magenta (83%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222CA7 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 222CA7 by changing the saturation by 10% instead.

■ 222CA7

■ 222CA7

FFFFFF

■ 00168C

■ 675BDF

■ 000372

■ 8574FC

■ 000058

■ A38DFF

■ 000740

■ C0A8FF

■ 000329

■ DEC4FF

■ 000113

■ FCE0FF

■ 000000

■ FFFCFF

■ 222CA7

■ 222CA7

■ 111DA7

■ 333BA7

■ 010DA7

■ 434BA7

■ 000DA7

■ 545AA7

■ 656AA7

■ 7579A7

■ 8689A7

■ 9798A7

■ A8A8A7

■ B8B7A7

Harmonies

Analogous

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



0048BA



222CA7



830079

Triad

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



222CA7



781F00



005340

Complementary

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



222CA7



A79D22

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.



005100



222CA7



4B3E00

Square

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



222CA7



960001



004B00



00547C

Rectangle

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



222CA7



990052



004B00



00522B

Sweetspot

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



222CA7



A5A9D9



22A79C



4E506E



EDEDED



6E6E6E

Same Dimension

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



222CA7



0918D9



5922A7



4C4C54



000B94



000214

Inverse Universe

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



A7222C



D90918



70A722



544C4C



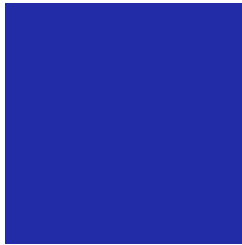
94000B



140002

Previews

White Background



This preview shows how the Hex color 222CA7 looks on a white background.

Color Contrast Check

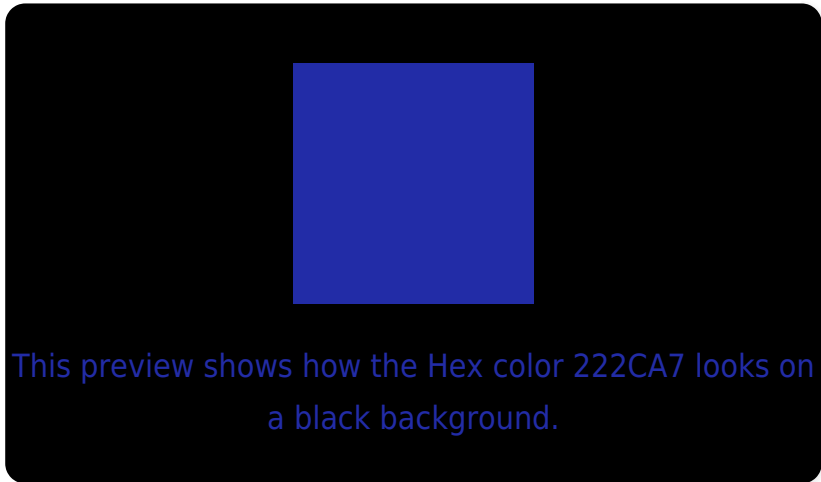
Large Text (above 18pt) WCAG AA ✓ Pass

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

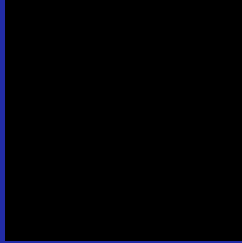
Any Text WCAG AA × Fail

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 222CA7 Background



This preview shows how black text looks on a background with the Hex color 222CA7.

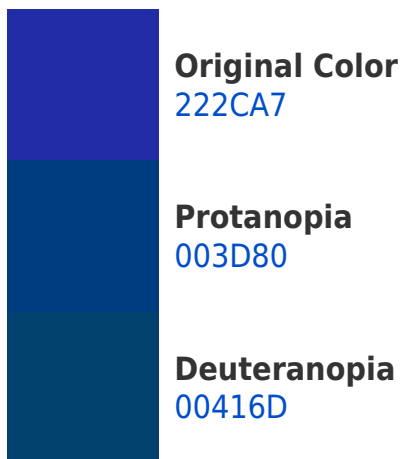



This preview shows how white text looks on a background with the Hex color 222CA7.

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
00464A

Trichromacy



Original Color
222CA7

Protanomaly
0C378E

Deuteranomaly
0C3982

Tritanomaly
0C3D6C

Monochromacy



Original Color
222CA7

Achromatopsia
373737

Achromatomaly
2F3360

CSS Examples

Text

The CSS property to change the color of the text to Hex 222CA7 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 #222CA7 looks like.

```
.text, #text, p{  
    color:#222CA7  
}
```

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 #222CA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222CA7
}
```

Border

The CSS property to change the border of an element to Hex 222CA7 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
#222CA7 }
```

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

```
.border{ border-color:#222CA7 }
```

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

Here you see how a box with a 4 pixel #222CA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222CA7; -webkit-box-shadow:4px 4px  
4px 4px #222CA7; box-shadow:4px 4px 4px  
4px #222CA7 }
```

Background

The CSS property to change the background color of an element to Hex 222CA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222CA7 }
```

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

```
.background{ background-color:#222CA7 }
```

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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