

Converting Colors

Hex(2223CA)

Have a look what the booklet for
Hex(2223CA) contains.

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Color

Hex(2223CA)

Conversions

Conversions Part 1

Format	Color
Hex	2223CA
RGB	34, 35, 202
RGB Percent	13%, 14%, 79%
CMY	0.8667, 0.8627, 0.2078
CMYK	0.83, 0.83, 0.00, 0.21
HSL	240°, 71%, 46%
HSV	240°, 83%, 79%
XYZ	11.9214, 5.8064, 56.3695
YIQ	53.7390, -54.2030, 51.7250

Conversions

Conversions Part 2

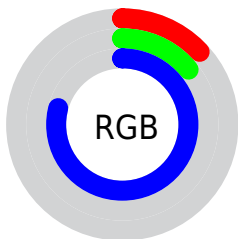
Format	Color
R _Y B	34, 35, 202
Decimal	2237386
CIE Lab	28.92, 56.67, -83.15
CIE LCh	29, 100.621, 304.277
Yxy	5.8064, 0.1609, 0.0784
Android (android.graphics.Color)	4280427466 (0xFF2223CA)
YUV	53.7390, 73.0927, -17.3111
Hunter-Lab	24.0965, 46.1414, -121.8310

Details

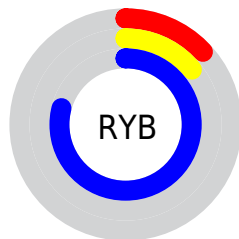
The Hex color **2223CA** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **CAC922**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **7155FF**, and **000092** is the 20% darker color. If you saturate the color by 10%, you get **0E0FCA**, and if you desaturate by 10%, it is **3637CA**.

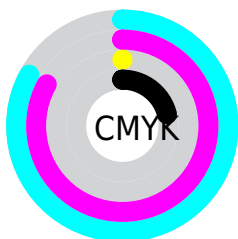
Distribution



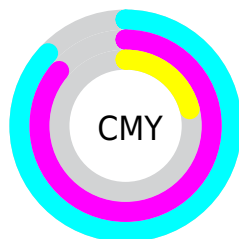
- Red (13%)
- Green (14%)
- Blue (79%)



- Red (13%)
- Yellow (14%)
- Blue (79%)



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



- Cyan (87%)
- Magenta (86%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2223CA 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 2223CA by changing the saturation by 10% instead.

■ 2223CA

■ 2223CA

FFFFFF

■ 0008AE

■ 7155FF

■ 000092

■ 916EFF

■ 000078

■ B188FF

■ 00075E

■ D0A3FF

■ 000845

■ EFBFFF

■ 00032E

■ FFDBFF

■ 000118

■ FFF8FF

■ 000000

■ 2223CA

■ 2223CA

■ 0E0FCA

■ 3637CA

■ 0001CA

■ 4A4BCA

■ 5F5FCA

■ 7373CA

■ 8787CA

■ 9B9BCA

■ AFB0CA

■ C4C4CA

■ D8D8CA

Harmonies

Analogous

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



0050E7



2223CA



A1008A

Triad

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



2223CA



861A00



005C4E

Complementary

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



2223CA



CAC922

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.



005900



2223CA



4B4600

Square

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



2223CA



B00000



005500



005E9D

Rectangle

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



2223CA



BA0057



005500



005B33

Sweetspot

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



2223CA



BFC0FF



22CAC7



595980



000000



808080

Same Dimension

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



2223CA



0002FF



7322CA



5C5C66



0001A6



000026

Inverse Universe

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



CA2223



FF0002



79CA22



665C5C



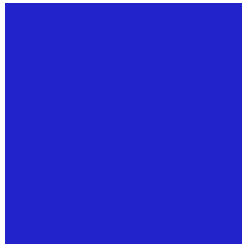
A60001



260000

Previews

White Background



This preview shows how the Hex color 2223CA looks on a white background.

Color Contrast Check

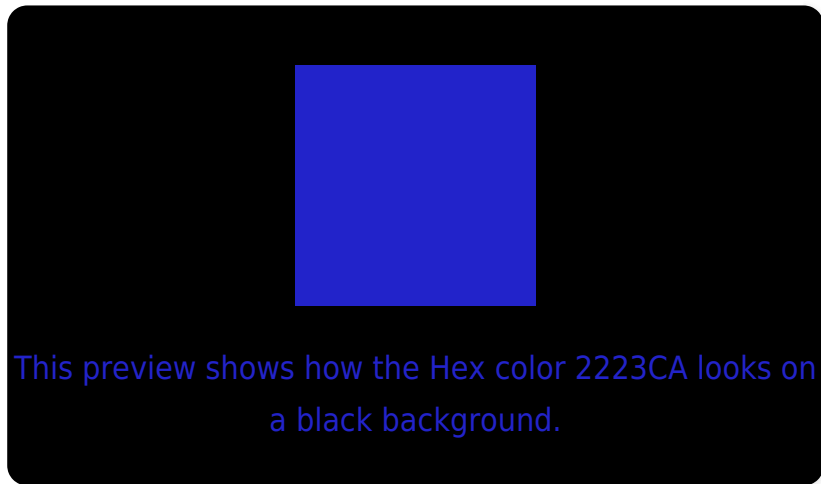
Large Text (above 18pt) WCAG AA ✓ Pass

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

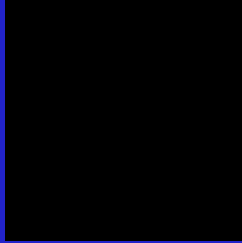
Any Text WCAG AA × Fail

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 2223CA Background



This preview shows how black text looks on a background with the Hex color 2223CA.



This preview shows how white text looks on a background with the Hex color 2223CA.

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



Original Color
2223CA

Protanopia
00428A

Deuteranopia
004675



Tritanopia
004C4F

Trichromacy



Original Color
2223CA

Protanomaly
0C37A1

Deuteranomaly
0C3994

Tritanomaly
0C3D7C

Monochromacy



Original Color
2223CA

Achromatopsia
363636

Achromatomaly
2F2F6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2223CA 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 #2223CA looks like.

```
.text, #text, p{  
    color:#2223CA  
}
```

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 #2223CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2223CA
}
```

Border

The CSS property to change the border of an element to Hex 2223CA is called "border". The border property can be set on classes, ids or directly on the HTML element.

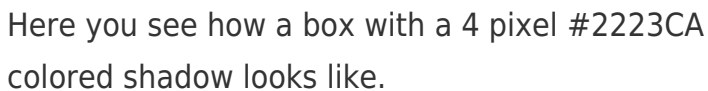
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2223CA }
```

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

```
.border{ border-color:#2223CA }
```

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



Here you see how a box with a 4 pixel #2223CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2223CA; -webkit-box-shadow:4px 4px  
4px 4px #2223CA; box-shadow:4px 4px 4px  
4px #2223CA }
```

Background

The CSS property to change the background color of an element to Hex 2223CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2223CA }
```

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

```
.background{ background-color:#2223CA }
```

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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