

Converting Colors

Hex(225CEA)

Have a look what the booklet for
Hex(225CEA) contains.

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Color

Hex(225CEA)

Conversions

Conversions Part 1

Format	Color
Hex	225CEA
RGB	34, 92, 234
RGB Percent	13%, 36%, 92%
CMY	0.8667, 0.6392, 0.0824
CMYK	0.85, 0.61, 0.00, 0.08
HSL	223°, 83%, 53%
HSV	223°, 85%, 92%
XYZ	19.3381, 13.9349, 79.5124
YIQ	90.8460, -80.1500, 31.8660

Conversions

Conversions Part 2

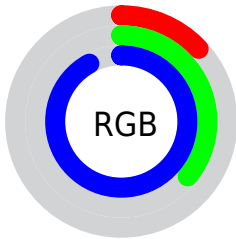
Format	Color
R_{YB}	34, 79, 234
Decimal	2252010
CIE _{Lab}	44.14, 34.86, -76.41
CIE _{LCh}	44, 83.989, 294.520
Yxy	13.9349, 0.1715, 0.1236
Android (android.graphics.Color)	4280442090 (0xFF225CEA)
YUV	90.8460, 70.5749, -49.8539
Hunter-Lab	37.3295, 27.1434, -100.1581

Details

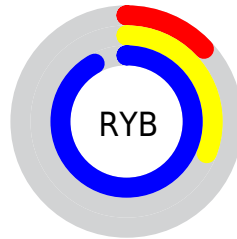
The Hex color **225CEA** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **EAB022**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **758EFF**, and **002FB1** is the 20% darker color. If you saturate the color by 10%, you get **0B4BEA**, and if you desaturate by 10%, it is **396DEA**.

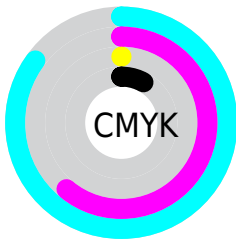
Distribution



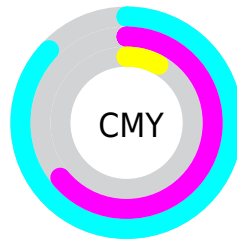
- Red (13%)
- Green (36%)
- Blue (92%)



- Red (13%)
- Yellow (31%)
- Blue (92%)



- Cyan (85%)
- Magenta (61%)
- Yellow (0%)
- Black (8%)



- Cyan (87%)
- Magenta (64%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 225CEA 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 225CEA by changing the saturation by 10% instead.

 225CEA

 225CEA

FFFFFF

 0045CD

 758EFF

 002FB1

 96A8FF

 001C95

 B5C3FF

 000A7B

 D5DFFF

 000861

 F4FBFF

 000848

 000431

 00011B

 000000

■ 225CEA

■ 225CEA

■ 0B4BEA

■ 396DEA

■ 0044EA

■ 517DEA

■ 688EEA

■ 809EEA

■ 97AFEA

■ AEC0EA

■ C6D0EA

■ DDE1EA

■ F5F2EA

Harmonies

Analogous

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



0076F6



225CEA



AC29BB

Triad

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



225CEA



BC3D00



008359

Complementary

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



225CEA



EAB022

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.



007F00



225CEA



8A6100

Square

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



225CEA



D90034



487500



0084A1

Rectangle

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



225CEA



CE008F



487500



008240

Sweetspot

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



225CEA



BDD0FF



22EAAE



586380



000000



808080

Same Dimension

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



225CEA



004AFF



4A22EA



6A6D75



0035B5



001036

Inverse Universe

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



EA225C



FF004A



C2EA22



756A6D



B50035



360010

Previews

White Background



This preview shows how the Hex color 225CEA looks on a white background.

Color Contrast Check

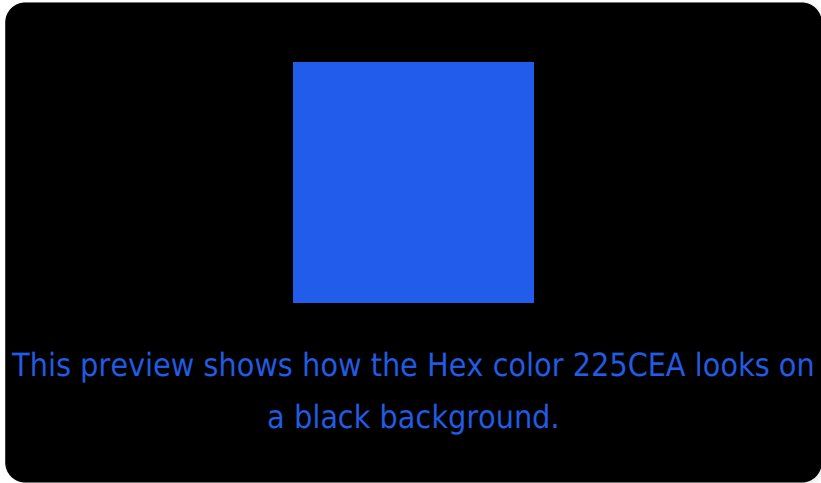
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

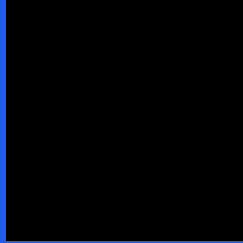
Any Text WCAG AA × Fail

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 225CEA Background



This preview shows how black text looks on a background with the Hex color 225CEA.

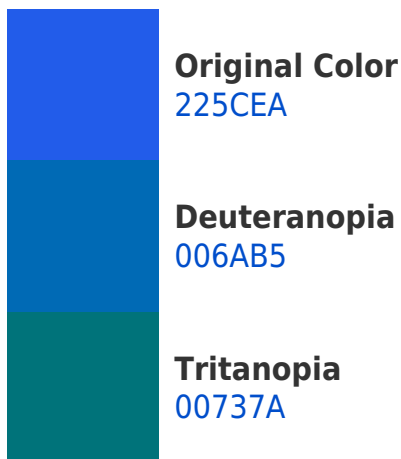


This preview shows how white text looks on a background with the Hex color 225CEA.

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
225CEA

Deuteranomaly
0C65C8

Tritanomaly
0C6BA3

Monochromacy



Original Color
225CEA

Achromatopsia
5B5B5B

Achromatomaly
465B8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 225CEA 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 #225CEA looks like.

```
.text, #text, p{  
    color:#225CEA  
}
```

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 #225CEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #225CEA
}
```

Border

The CSS property to change the border of an element to Hex 225CEA 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
#225CEA }
```

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

```
.border{ border-color:#225CEA }
```

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

Here you see how a box with a 4 pixel #225CEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #225CEA; -webkit-box-shadow:4px 4px  
4px 4px #225CEA; box-shadow:4px 4px 4px  
4px #225CEA }
```

Background

The CSS property to change the background color of an element to Hex 225CEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#225CEA }
```

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

```
.background{ background-color:#225CEA }
```

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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