

Converting Colors

Hex(0214CA)

Have a look what the booklet for
Hex(0214CA) contains.

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Color

Hex(0214CA)

Conversions

Conversions Part 1

Format	Color
Hex	0214CA
RGB	2, 20, 202
RGB Percent	1%, 8%, 79%
CMY	0.9922, 0.9216, 0.2078
CMYK	0.99, 0.90, 0.00, 0.21
HSL	235°, 98%, 40%
HSV	235°, 99%, 79%
XYZ	10.9359, 4.7775, 56.2229
YIQ	35.3660, -69.1500, 52.7860

Conversions

Conversions Part 2

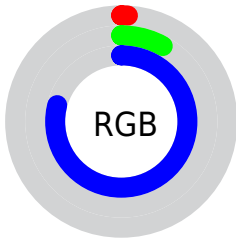
Format	Color
R_{YB}	2, 19, 202
Decimal	136394
CIE _{Lab}	26.09, 61.76, -87.88
CIE _{LCh}	26, 107.413, 305.098
Yxy	4.7775, 0.1520, 0.0664
Android (android.graphics.Color)	4278326474 (0xFF0214CA)
YUV	35.3660, 82.1506, -29.2620
Hunter-Lab	21.8575, 51.0577, -137.2085

Details

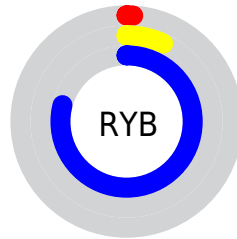
The Hex color **0214CA** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **CAB802**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **6949FF**, and **000092** is the 20% darker color. If you saturate the color by 10%, you get **0012CA**, and if you desaturate by 10%, it is **1626CA**.

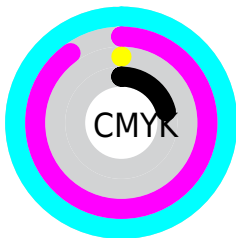
Distribution



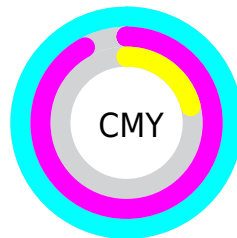
- Red (1%)
- Green (8%)
- Blue (79%)



- Red (1%)
- Yellow (7%)
- Blue (79%)



- Cyan (99%)
- Magenta (90%)
- Yellow (0%)
- Black (21%)



- Cyan (99%)
- Magenta (92%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0214CA 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 0214CA by changing the saturation by 10% instead.

■ 0214CA

■ 0214CA

FFFFFF

■ 0000AE

■ 6949FF

■ 000092

■ 8B62FF

■ 000077

■ AA7DFF

■ 000D5D

■ CA98FF

■ 000845

■ E9B3FF

■ 00032D

■ FFCFFF

■ 000118

■ FFECFF

■ 000000

■ 0214CA

■ 0214CA

■ 0012CA

■ 1626CA

■ 2A39CA

■ 3F4BCA

■ 535ECA

■ 6770CA

■ 7B82CA

■ 8F95CA

■ A4A7CA

■ B8B9CA

Harmonies

Analogous

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



004BEA



0214CA



A00085

Triad

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



0214CA



7F0C00



00554B

Complementary

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



0214CA



CAB802

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.



005300



0214CA



404100

Square

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



0214CA



AB0000



004E00



00589D

Rectangle

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



0214CA



B8004F



004E00



00552E

Sweetspot

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



0214CA



B3B9FF



02CAB6



525680



000000



808080

Same Dimension

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



0214CA



0017FF



5202CA



5C5D66



000FA6



000326

Inverse Universe

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



CA0214



FF0017



7ACA02



665C5D



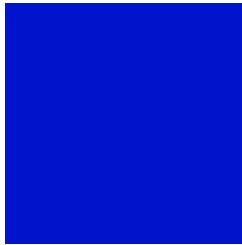
A6000F



260003

Previews

White Background



This preview shows how the Hex color 0214CA looks on a white background.

Color Contrast Check

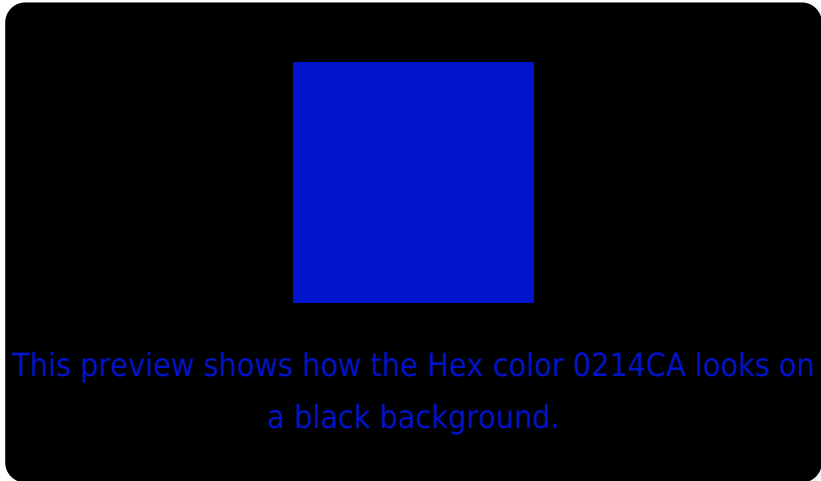
Large Text (above 18pt) WCAG AA ✓ Pass

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

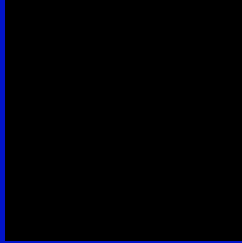
Any Text WCAG AA × Fail

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 0214CA Background



This preview shows how black text looks on a background with the Hex color 0214CA.



This preview shows how white text looks on a background with the Hex color 0214CA.

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
0214CA

Protanopia
003D7F

Deuteranopia
00416C

Trichromacy



Original Color
0214CA

Protanomaly
012E9A

Deuteranomaly
01318E

Tritanomaly
013478

Monochromacy



Original Color
0214CA

Achromatopsia
232323

Achromatomaly
171E60

CSS Examples

Text

The CSS property to change the color of the text to Hex 0214CA 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 #0214CA looks like.

```
.text, #text, p{  
    color:#0214CA  
}
```

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 #0214CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0214CA
}
```

Border

The CSS property to change the border of an element to Hex 0214CA is called "border". The border property can be set on classes, ids or directly on the HTML element.

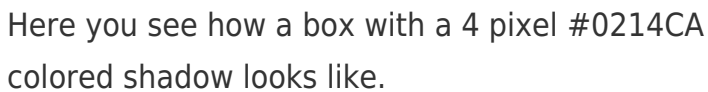
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0214CA }
```

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

```
.border{ border-color:#0214CA }
```

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



Here you see how a box with a 4 pixel #0214CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0214CA; -webkit-box-shadow:4px 4px  
4px 4px #0214CA; box-shadow:4px 4px 4px  
4px #0214CA }
```

Background

The CSS property to change the background color of an element to Hex 0214CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0214CA }
```

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

```
.background{ background-color:#0214CA }
```

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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