

Converting Colors

Hex(2415CF)

Have a look what the booklet for
Hex(2415CF) contains.

Hex(2415CF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2415CF)

Conversions

Conversions Part 1

Format	Color
Hex	2415CF
RGB	36, 21, 207
RGB Percent	14%, 8%, 81%
CMY	0.8588, 0.9176, 0.1882
CMYK	0.83, 0.90, 0.00, 0.19
HSL	245°, 82%, 45%
HSV	245°, 90%, 81%
XYZ	12.2582, 5.4164, 59.4309
YIQ	46.6890, -50.7660, 61.0260

Conversions

Conversions Part 2

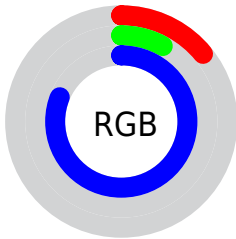
Format	Color
R_{YB}	36, 21, 207
Decimal	2364879
CIE _{Lab}	27.89, 63.44, -87.78
CIE _{LCh}	28, 108.302, 305.857
Yxy	5.4164, 0.1590, 0.0702
Android (android.graphics.Color)	4280554959 (0xFF2415CF)
YUV	46.6890, 79.0333, -9.3743
Hunter-Lab	23.2731, 53.2898, -135.1132

Details

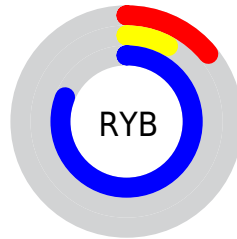
The Hex color **2415CF** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **C0CF15**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **744BFF**, and **000097** is the 20% darker color. If you saturate the color by 10%, you get **1100CF**, and if you desaturate by 10%, it is **372ACF**.

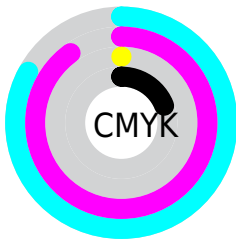
Distribution



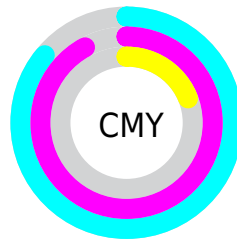
- Red (14%)
- Green (8%)
- Blue (81%)



- Red (14%)
- Yellow (8%)
- Blue (81%)



- Cyan (83%)
- Magenta (90%)
- Yellow (0%)
- Black (19%)



- Cyan (86%)
- Magenta (92%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2415CF 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 2415CF by changing the saturation by 10% instead.

 2415CF

 2415CF

FFFFFF

 0000B3

 744BFF

 000097

 9565FF

 00007C

 B480FF

 000762

 D49BFF

 000949

 F3B6FF

 000431

 FFD3FF

 00011B

 FFF0FF

 000000

 2415CF

 2415CF

■ 1100CF

■ 372ACF

■ 4A3ECF

■ 5D53CF

■ 7068CF

■ 837DCF

■ 9691CF

■ A9A6CF

■ BCBB CF

■ CFCFCF

Harmonies

Analogous

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



004FF1



2415CF



A70088

Triad

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



2415CF



841600



005A51

Complementary

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



2415CF



C0CF15

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.



005800



2415CF



434500

Square

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



2415CF



B10000



005300



005DA5

Rectangle

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



2415CF



C00052



005300



005934

Sweetspot

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



2415CF



C0BAFF



15C3CF



5A5780



000000



808080

Same Dimension

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



2415CF



1500FF



7E15CF



5F5E69



0E00A8



030029

Inverse Universe

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



CF15C0



FF00EA



66CF15



695E68



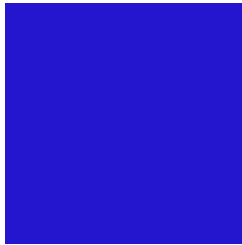
A8009B



290026

Previews

White Background



This preview shows how the Hex color 2415CF looks on a white background.

Color Contrast Check

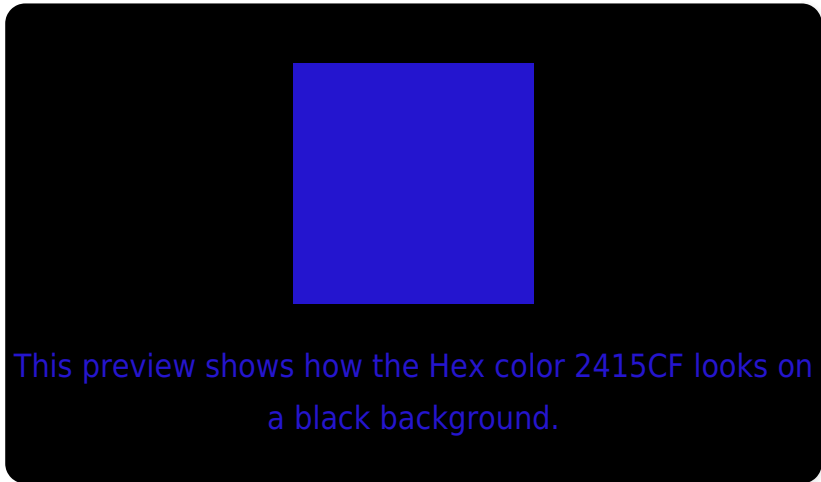
Large Text (above 18pt) WCAG AA ✓ Pass

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

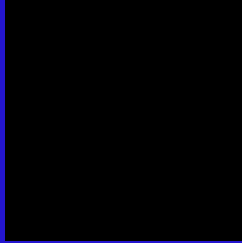
Any Text WCAG AA × Fail

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 2415CF Background



This preview shows how black text looks on a background with the Hex color 2415CF.



This preview shows how white text looks on a background with the Hex color 2415CF.

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
2415CF

Protanopia
004086

Deuteranopia
004472



Tritanopia
004A4D

Trichromacy



Original Color
2415CF

Protanomaly
0D30A1

Deuteranomaly
0D3394

Tritanomaly
0D377C

Monochromacy



Original Color
2415CF

Achromatopsia
2F2F2F

Achromatomaly
2B2669

CSS Examples

Text

The CSS property to change the color of the text to Hex 2415CF 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 #2415CF looks like.

```
.text, #text, p{  
    color:#2415CF  
}
```

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 #2415CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2415CF
}
```

Border

The CSS property to change the border of an element to Hex 2415CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

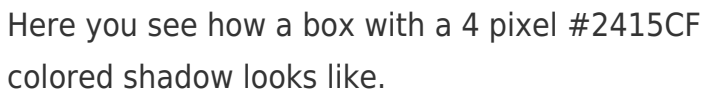
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2415CF }
```

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

```
.border{ border-color:#2415CF }
```

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



Here you see how a box with a 4 pixel #2415CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2415CF; -webkit-box-shadow:4px 4px  
4px 4px #2415CF; box-shadow:4px 4px 4px  
4px #2415CF }
```

Background

The CSS property to change the background color of an element to Hex 2415CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2415CF }
```

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

```
.background{ background-color:#2415CF }
```

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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