

Converting Colors

Hex(2331CF)

Have a look what the booklet for
Hex(2331CF) contains.

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Color

Hex(2331CF)

Conversions

Conversions Part 1

Format	Color
Hex	2331CF
RGB	35, 49, 207
RGB Percent	14%, 19%, 81%
CMY	0.8627, 0.8078, 0.1882
CMYK	0.83, 0.76, 0.00, 0.19
HSL	235°, 71%, 47%
HSV	235°, 83%, 81%
XYZ	13.0539, 7.0589, 59.7060
YIQ	62.8260, -59.0620, 46.1700

Conversions

Conversions Part 2

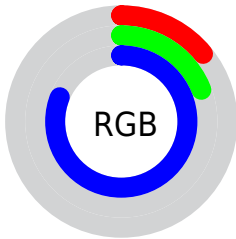
Format	Color
RYB	35, 48, 207
Decimal	2306511
CIELab	31.94, 51.33, -81.04
CIELCh	32, 95.932, 302.349
Yxy	7.0589, 0.1635, 0.0884
Android (android.graphics.Color)	4280496591 (0xFF2331CF)
YUV	62.8260, 71.0778, -24.4034
Hunter-Lab	26.5687, 41.2069, -114.6403

Details

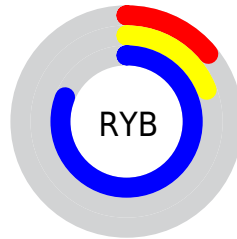
The Hex color **2331CF** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark muted blue. A complement of this color would be **CFC123**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **7261FF**, and **000497** is the 20% darker color. If you saturate the color by 10%, you get **0E1ECF**, and if you desaturate by 10%, it is **3844CF**.

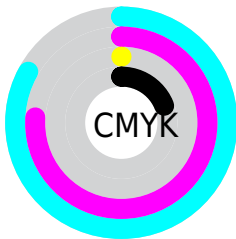
Distribution



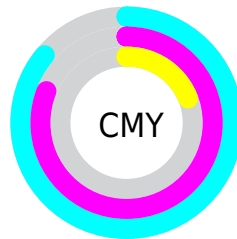
- Red (14%)
- Green (19%)
- Blue (81%)



- Red (14%)
- Yellow (19%)
- Blue (81%)



- Cyan (83%)
- Magenta (76%)
- Yellow (0%)
- Black (19%)



- Cyan (86%)
- Magenta (81%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2331CF 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 2331CF by changing the saturation by 10% instead.

 2331CF

 2331CF

FFFFFF

 001AB3

 7261FF

 000497

 927BFF

 00007C

 B195FF

 000362

 D0B0FF

 000949

 EFCCFF

 000432

 FFE8FF

 00011C

 000000

 2331CF

 2331CF

■ 0E1ECF

■ 3844CF

■ 0011CF

■ 4C57CF

■ 616ACF

■ 767DCF

■ 8B90CF

■ 9FA3CF

■ B4B6CF

■ C9C9CF

■ DDDCCF

Harmonies

Analogous

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



0057E8



2331CF



A20093

Triad

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



2331CF



912200



006350

Complementary

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



2331CF



CFC123

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.



006100



2331CF



584B00

Square

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



2331CF



B80000



005B00



00659C

Rectangle

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



2331CF



BD0062



005B00



006335

Sweetspot

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



2331CF



BFC4FF



23CFC1



595C80



000000



808080

Same Dimension

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



2331CF



0015FF



6B23CF



5E5F69



000EA8



000329

Inverse Universe

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



CF2331



FF0015



87CF23



695E5F



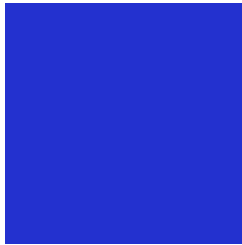
A8000E



290003

Previews

White Background



This preview shows how the Hex color 2331CF looks on a white background.

Color Contrast Check

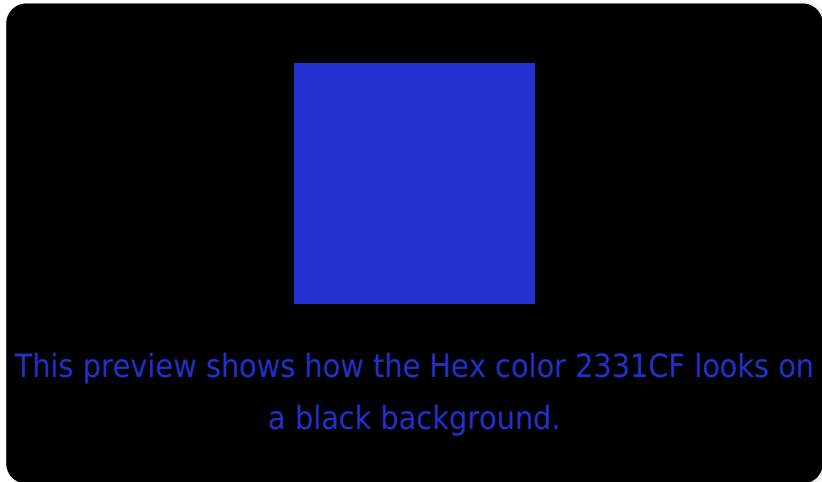
Large Text (above 18pt) WCAG AA ✓ Pass

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

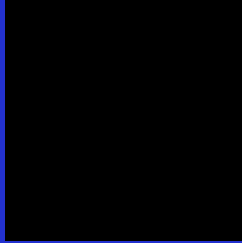
Any Text WCAG AA × Fail

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 2331CF Background



This preview shows how black text looks on a background with the Hex color 2331CF.



This preview shows how white text looks on a background with the Hex color 2331CF.

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

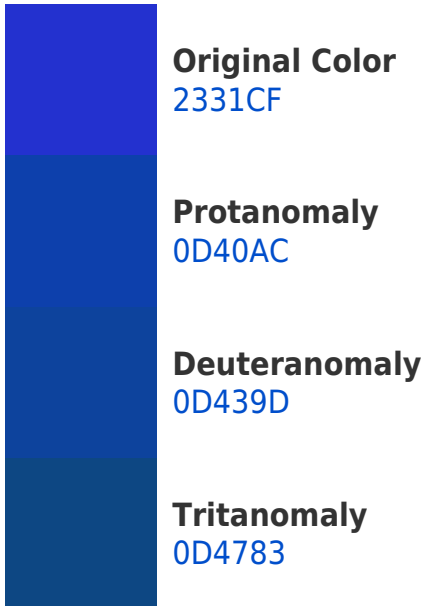


Original Color
2331CF

Protanopia
004898

Deuteranopia
004D81

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2331CF 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 #2331CF looks like.

```
.text, #text, p{  
    color:#2331CF  
}
```

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 #2331CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2331CF
}
```

Border

The CSS property to change the border of an element to Hex 2331CF 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
#2331CF }
```

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

```
.border{ border-color:#2331CF }
```

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

Here you see how a box with a 4 pixel #2331CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2331CF; -webkit-box-shadow:4px 4px  
4px 4px #2331CF; box-shadow:4px 4px 4px  
4px #2331CF }
```

Background

The CSS property to change the background color of an element to Hex 2331CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2331CF }
```

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

```
.background{ background-color:#2331CF }
```

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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