

Converting Colors

Hex(2414FB)

Have a look what the booklet for
Hex(2414FB) contains.

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Color

Hex(2414FB)

Conversions

Conversions Part 1

Format	Color
Hex	2414FB
RGB	36, 20, 251
RGB Percent	14%, 8%, 98%
CMY	0.8588, 0.9216, 0.0157
CMYK	0.86, 0.92, 0.00, 0.02
HSL	244°, 97%, 53%
HSV	244°, 92%, 98%
XYZ	18.3903, 7.8404, 91.8109
YIQ	51.1180, -64.6150, 75.2330

Conversions

Conversions Part 2

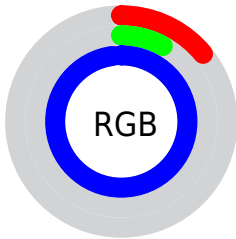
Format	Color
R _Y B	36, 20, 251
Decimal	2364667
CIE Lab	33.65, 75.19, -103.35
CIE LCh	34, 127.806, 306.038
Yxy	7.8404, 0.1558, 0.0664
Android (android.graphics.Color)	4280554747 (0xFF2414FB)
YUV	51.1180, 98.5418, -13.2585
Hunter-Lab	28.0007, 68.2337, -174.8038

Details

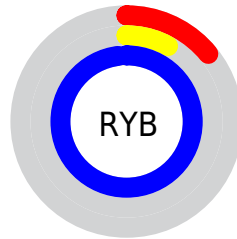
The Hex color **2414FB** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **EBFB14**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **7F50FF**, and **0000C1** is the 20% darker color. If you saturate the color by 10%, you get **1100FB**, and if you desaturate by 10%, it is **3B2DFB**.

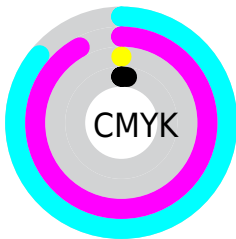
Distribution



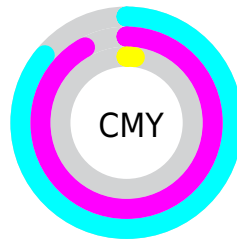
- Red (14%)
- Green (8%)
- Blue (98%)



- Red (14%)
- Yellow (8%)
- Blue (98%)



- Cyan (86%)
- Magenta (92%)
- Yellow (0%)
- Black (2%)



- Cyan (86%)
- Magenta (92%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2414FB 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 2414FB by changing the saturation by 10% instead.

 2414FB

 2414FB

FFFFFF

 0000DD

 7F50FF

 0000C1

 A26BFF

 0000A4

 C486FF

 000089

 E5A2FF

 00106E

 FFBEFF

 000C55

 FFDBFF

 00063C

 FFF8FF

 000226

 00010E

■ 2414FB

■ 2414FB

■ 1100FB

■ 3B2DFB

■ 5346FB

■ 6A5FFB

■ 8178FB

■ 9992FB

■ B0ABFB

■ C8C4FB

■ DFDDFB

■ F6F6FB

Harmonies

Analogous

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



005FFF



2414FB



CB00A4

Triad

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



2414FB



9E1700



006B63

Complementary

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



2414FB



EBFB14

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.



006900



2414FB



4F5400

Square

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



2414FB



D50000



006400



0070C9

Rectangle

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



2414FB



E80062



006400



006A3F

Sweetspot

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



2414FB



BDB8FF



14ECFB



575480



000000



808080

Same Dimension

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



2414FB



1200FF



9714FB



71707D



0D00BD



04003D

Inverse Universe

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



FB14EB



FF00ED



78FB14



7D707C



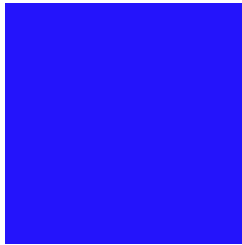
BD00B0



3D0039

Previews

White Background



This preview shows how the Hex color 2414FB looks on a white background.

Color Contrast Check

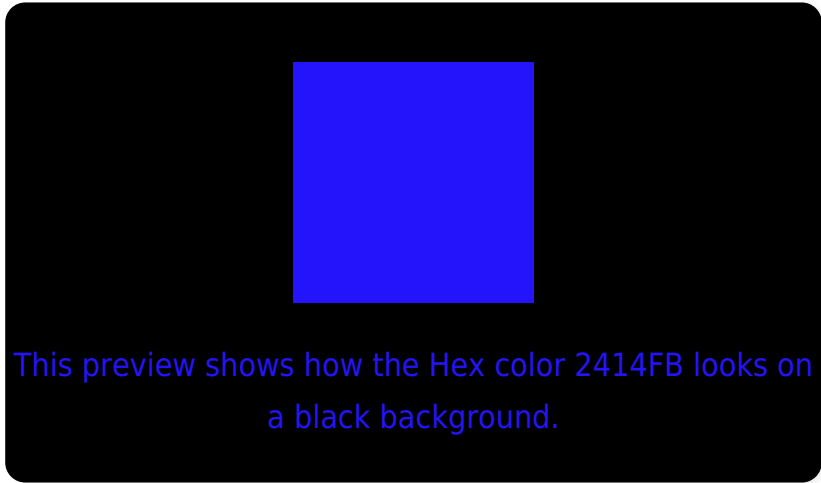
Large Text (above 18pt) WCAG AA ✓ Pass

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

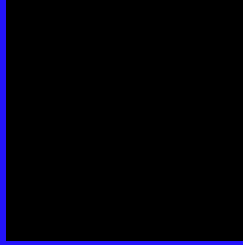
Any Text WCAG AA × Fail

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 2414FB Background



This preview shows how black text looks on a background with the Hex color 2414FB.

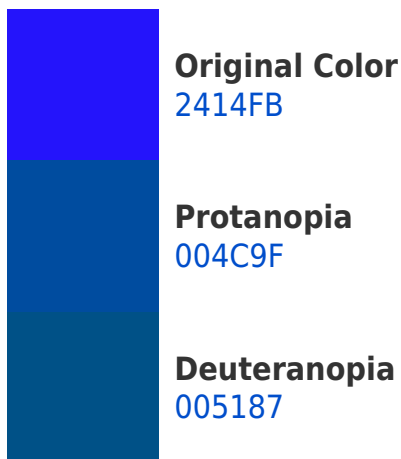


This preview shows how white text looks on a background with the Hex color 2414FB.

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
2414FB

Protanomaly
0D38C0

Deuteranomaly
0D3BB1

Monochromacy



Original Color
2414FB

Achromatopsia
333333

Achromatomaly
2E287C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2414FB 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 #2414FB looks like.

```
.text, #text, p{  
    color:#2414FB  
}
```

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 #2414FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2414FB
}
```

Border

The CSS property to change the border of an element to Hex 2414FB 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".

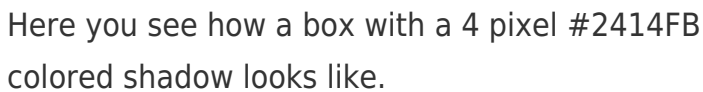
```
.border, #border, table{ border:4px solid
#2414FB }
```

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

```
.border{ border-color:#2414FB }
```

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

Here you see how a box with a 4 pixel #2414FB colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2414FB; -webkit-box-shadow:4px 4px  
4px 4px #2414FB; box-shadow:4px 4px 4px  
4px #2414FB }
```

Background

The CSS property to change the background color of an element to Hex 2414FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2414FB }
```

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

```
.background{ background-color:#2414FB }
```

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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