

Converting Colors

Hex(2400FA)

Have a look what the booklet for
Hex(2400FA) contains.

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Color

Hex(2400FA)

Conversions

Conversions Part 1

Format	Color
Hex	2400FA
RGB	36, 0, 250
RGB Percent	14%, 0%, 98%
CMY	0.8588, 1.0000, 0.0196
CMYK	0.86, 1.00, 0.00, 0.02
HSL	249°, 100%, 49%
HSV	249°, 100%, 98%
XYZ	17.9829, 7.2772, 90.8993
YIQ	39.2640, -58.7940, 85.3820

Conversions

Conversions Part 2

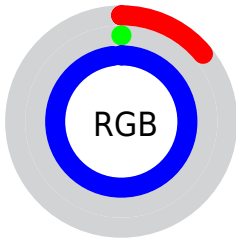
Format	Color
RYB	36, 0, 250
Decimal	2359546
CIELab	32.43, 78.29, -104.82
CIElCh	32, 130.832, 306.756
Yxy	7.2772, 0.1548, 0.0626
Android (android.graphics.Color)	4280549626 (0xFF2400FA)
YUV	39.2640, 103.8928, -2.8625
Hunter-Lab	26.9763, 71.7828, -180.9003

Details

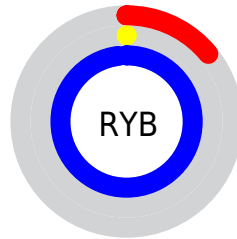
The Hex color **2400FA** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **D6FA00**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **8048FF**, and **0000C0** is the 20% darker color. If you saturate the color by 10%, you get **2400FA**, and if you desaturate by 10%, it is **3919FA**.

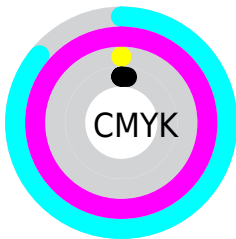
Distribution



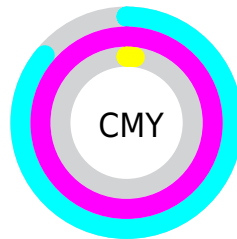
- Red (14%)
- Green (0%)
- Blue (98%)



- Red (14%)
- Yellow (0%)
- Blue (98%)



- Cyan (86%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)



- Cyan (86%)
- Magenta (100%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2400FA 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 2400FA by changing the saturation by 10% instead.

 2400FA

 2400FA

FFFFFF

 0000DC

 8048FF

 0000C0

 A364FF

 0000A3

 C47FFF

 000088

 E59BFF

 00116D

 FFB7FF

 000B54

 FFD4FF

 00063C

 FFF1FF

 000225

 00010D

 2400FA

 3919FA

 4F32FA

 644BFA

 7A64FA

 8F7DFA

 A496FA

 BAAFFA

 CFC8FA

 E5E1FA

Harmonies

Analogous

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



005DFF



2400FA



CB00A1

Triad

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



2400FA



9A1300



006863

Complementary

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



2400FA



D6FA00

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.



006600



2400FA



495100

Square

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



2400FA



D20000



006100



006DCB

Rectangle

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



2400FA



E7005D



006100



00673E

Sweetspot

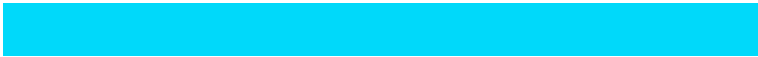
The Sweet Spot groups the original color and five complimentary colors.



2400FA



BEB3FF



00D9FA



585280



000000



808080

Same Dimension

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



2400FA



2500FF



9E00FA



72707D



1B00BD



09003D

Inverse Universe

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



FA00D6



FF00DA



5CFA00



7D707B



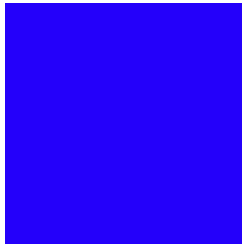
BD00A2



3D0034

Previews

White Background



This preview shows how the Hex color 2400FA looks on a white background.

Color Contrast Check

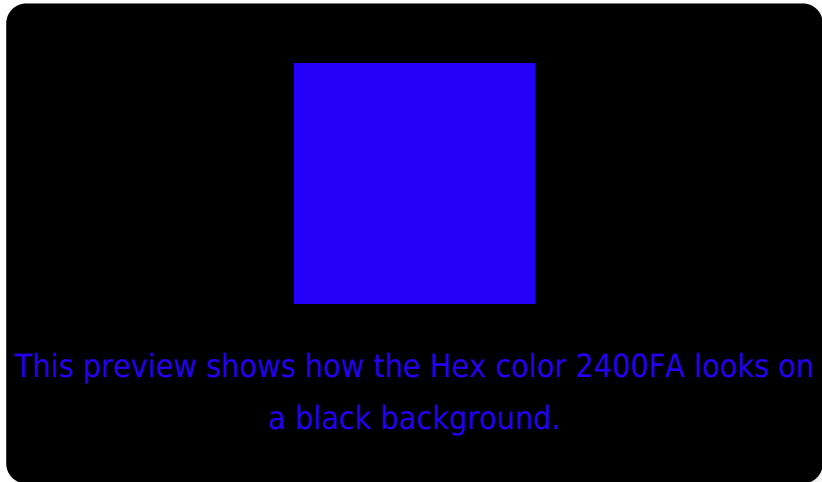
Large Text (above 18pt) WCAG AA ✓ Pass

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

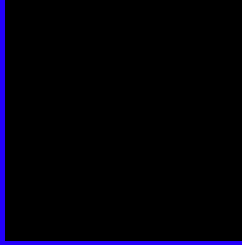
Any Text WCAG AA × Fail

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 2400FA Background



This preview shows how black text looks on a background with the Hex color 2400FA.



This preview shows how white text looks on a background with the Hex color 2400FA.

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
2400FA

Protanopia
004A9C

Deuteranopia
005084



Tritanopia
00565A

Trichromacy



Original Color
2400FA

Protanomaly
0D2FBE

Deuteranomaly
0D33AF

Tritanomaly
0D3794

Monochromacy



Original Color
2400FA

Achromatopsia
272727

Achromatomaly
261974

CSS Examples

Text

The CSS property to change the color of the text to Hex 2400FA 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 #2400FA looks like.

```
.text, #text, p{  
    color:#2400FA  
}
```

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 #2400FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2400FA
}
```

Border

The CSS property to change the border of an element to Hex 2400FA 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
#2400FA }
```

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

```
.border{ border-color:#2400FA }
```

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

Here you see how a box with a 4 pixel #2400FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2400FA; -webkit-box-shadow:4px 4px  
4px 4px #2400FA; box-shadow:4px 4px 4px  
4px #2400FA }
```

Background

The CSS property to change the background color of an element to Hex 2400FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2400FA }
```

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

```
.background{ background-color:#2400FA }
```

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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