

Converting Colors

Hex(2481FF)

Have a look what the booklet for
Hex(2481FF) contains.

Hex(2481FF)	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(2481FF)

Conversions

Conversions Part 1

Format	Color
Hex	2481FF
RGB	36, 129, 255
RGB Percent	14%, 51%, 100%
CMY	0.8588, 0.4941, 0.0000
CMYK	0.86, 0.49, 0.00, 0.00
HSL	215°, 100%, 57%
HSV	215°, 86%, 100%
XYZ	26.6278, 23.2956, 97.7008
YIQ	115.5570, -95.8740, 19.4700

Conversions

Conversions Part 2

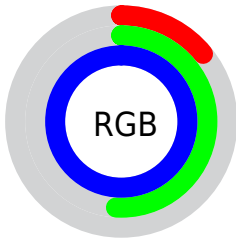
Format	Color
R _Y B	36, 101, 255
Decimal	2392575
CIE Lab	55.38, 19.51, -69.84
CIE LCh	55, 72.518, 285.610
Yxy	23.2956, 0.1804, 0.1578
Android (android.graphics.Color)	4280582655 (0xFF2481FF)
YUV	115.5570, 68.7454, -69.7715
Hunter-Lab	48.2655, 14.0129, -86.2312

Details

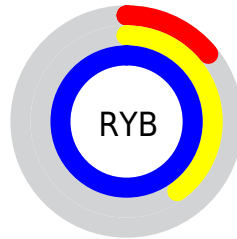
The Hex color **2481FF** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **FFA224**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **79B5FF**, and **0051C5** is the 20% darker color. If you saturate the color by 10%, you get **0A72FF**, and if you desaturate by 10%, it is **3D90FF**.

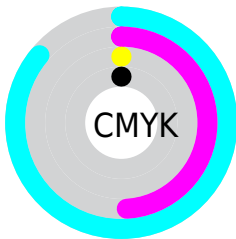
Distribution



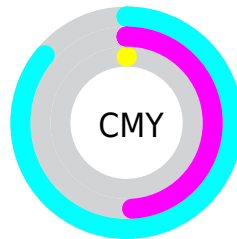
- Red (14%)
- Green (51%)
- Blue (100%)



- Red (14%)
- Yellow (40%)
- Blue (100%)



- Cyan (86%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (86%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2481FF 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 2481FF by changing the saturation by 10% instead.

 2481FF

 2481FF

FFFFFF

 0068E2

 79B5FF

 0051C5

 9AD0FF

 003BA9

 BAEDFF

 00278E

 DAFFFF

 001674

 FAFFFF

 000D5A

 000742

 00032B

 000115

■ 2481FF

■ 2481FF

■ 0A72FF

■ 3D90FF

■ 006CFF

■ 579EFF

■ 70ADFF

■ 8ABCFF

■ A3CAFF

■ BDD9FF

■ D6E8FF

■ F0F6FF

FFFFFF

Harmonies

Analogous

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



0095FF



2481FF



AF63DE

Triad

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



2481FF



E1592B



009F63

Complementary

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



2481FF



FFA224

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.



2F981F



2481FF



B97700

Square

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



2481FF



F33D67



818C00



00A1A5

Rectangle

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



2481FF



D84CBA



818C00



009D4D

Sweetspot

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



2481FF



BDD9FF



24FFA0



586980



000000



808080

Same Dimension

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



2481FF



006CFF



3324FF



737880



0051BF



001B40

Inverse Universe

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



FF2481



FF006C



F0FF24



807378



BF0051



40001B

Previews

White Background



This preview shows how the Hex color 2481FF looks on a white background.

Color Contrast Check

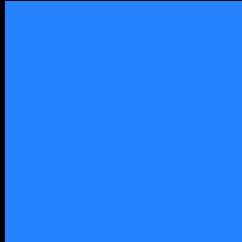
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2481FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

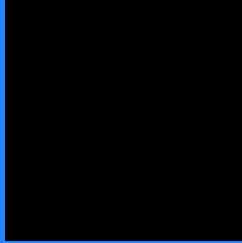
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

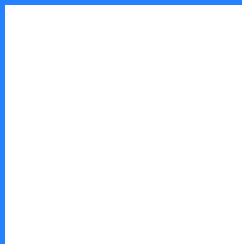
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2481FF Background



This preview shows how black text looks on a background with the Hex color 2481FF.



This preview shows how white text looks on a background with the Hex color 2481FF.

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](#).

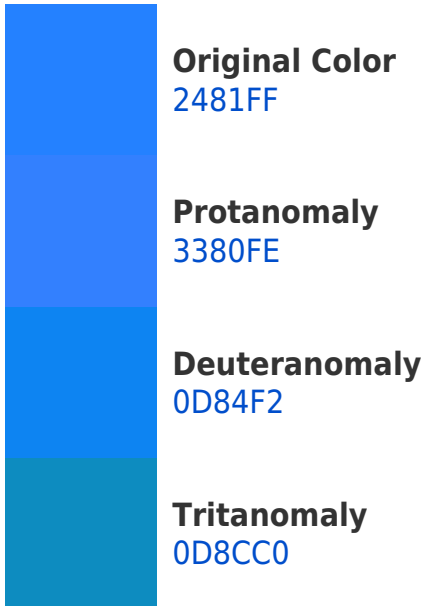
Dichromacy



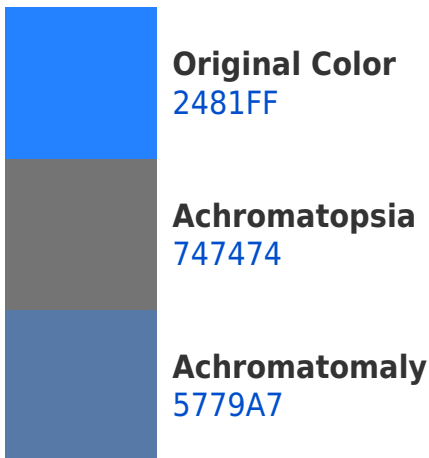


Tritanopia
00929C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2481FF 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 #2481FF looks like.

```
.text, #text, p{  
    color:#2481FF  
}
```

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 #2481FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2481FF
}
```

Border

The CSS property to change the border of an element to Hex 2481FF 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
#2481FF }
```

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

```
.border{ border-color:#2481FF }
```

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

Here you see how a box with a 4 pixel #2481FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2481FF; -webkit-box-shadow:4px 4px  
4px 4px #2481FF; box-shadow:4px 4px 4px  
4px #2481FF }
```

Background

The CSS property to change the background color of an element to Hex 2481FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2481FF }
```

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

```
.background{ background-color:#2481FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor