

Converting Colors

Hex(2453FF)

Have a look what the booklet for
Hex(2453FF) contains.

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Color

Hex(2453FF)

Conversions

Conversions Part 1

Format	Color
Hex	2453FF
RGB	36, 83, 255
RGB Percent	14%, 33%, 100%
CMY	0.8588, 0.6745, 0.0000
CMYK	0.86, 0.67, 0.00, 0.00
HSL	227°, 100%, 57%
HSV	227°, 86%, 100%
XYZ	21.8708, 13.7816, 96.1151
YIQ	88.5550, -83.2240, 43.5280

Conversions

Conversions Part 2

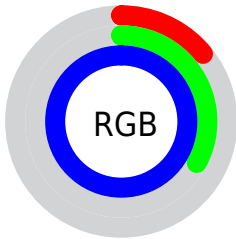
Format	Color
R _Y B	36, 75, 255
Decimal	2380799
CIE Lab	43.92, 48.13, -88.55
CIE LCh	44, 100.781, 298.524
Yxy	13.7816, 0.1660, 0.1046
Android (android.graphics.Color)	4280570879 (0xFF2453FF)
YUV	88.5550, 82.0574, -46.0907
Hunter-Lab	37.1236, 40.1945, -127.5189

Details

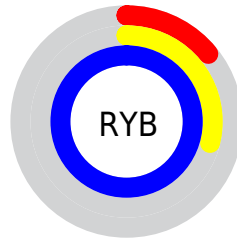
The Hex color **2453FF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **FFD024**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7C85FF**, and **0026C5** is the 20% darker color. If you saturate the color by 10%, you get **0A3FFF**, and if you desaturate by 10%, it is **3D67FF**.

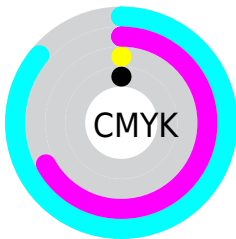
Distribution



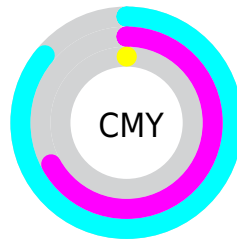
- Red (14%)
- Green (33%)
- Blue (100%)



- Red (14%)
- Yellow (29%)
- Blue (100%)



- Cyan (86%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)



- Cyan (86%)
- Magenta (67%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2453FF 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 2453FF by changing the saturation by 10% instead.

 2453FF

 2453FF

FFFFFF

 003CE2

 7C85FF

 0026C5

 9E9FFF

 0014A9

 BFBAFF

 00038D

 DFD6FF

 000573

 FFF2FF

 000D59

 000740

 000329

 000113

 2453FF

 2453FF

 0A3FFF

 3D67FF

 0037FF

 577BFF

 708FFF

 8AA3FF

 A3B7FF

 BDCBFF

 D6DFFF

 F0F3FF

FFFFFF

Harmonies

Analogous

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



0077FF



2453FF



C100C1

Triad

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



2453FF



C03600



008561

Complementary

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



2453FF



FFD024

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.



008200



2453FF



836400

Square

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



2453FF



E8001F



237900



0087B7

Rectangle

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



2453FF



E5008C



237900



008443

Sweetspot

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



2453FF



BDCBFF



24FFD0



586080



000000



808080

Same Dimension

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



2453FF



0037FF



6224FF



737580



0029BF



000E40

Inverse Universe

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



FF2453



FF0037



C1FF24



807375



BF0029



40000E

Previews

White Background



This preview shows how the Hex color 2453FF looks on a white background.

Color Contrast Check

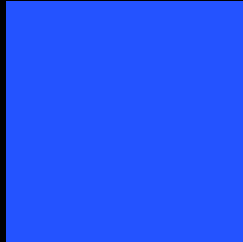
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2453FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

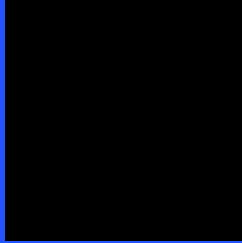
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 2453FF Background



This preview shows how black text looks on a background with the Hex color 2453FF.

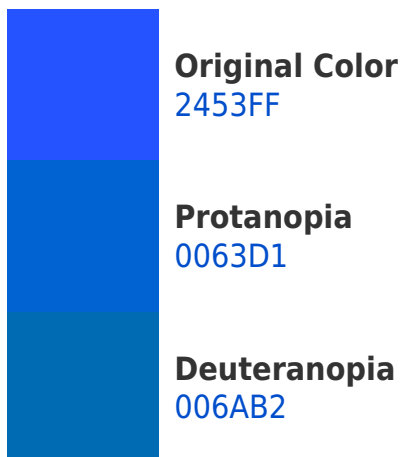


This preview shows how white text looks on a background with the Hex color 2453FF.

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
2453FF

Protanomaly
0D5DE2

Deuteranomaly
0D62CE

Tritanomaly
0D67A9

Monochromacy



Original Color
2453FF

Achromatopsia
595959

Achromatomaly
465795

CSS Examples

Text

The CSS property to change the color of the text to Hex 2453FF 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 #2453FF looks like.

```
.text, #text, p{  
    color:#2453FF  
}
```

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 #2453FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2453FF
}
```

Border

The CSS property to change the border of an element to Hex 2453FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

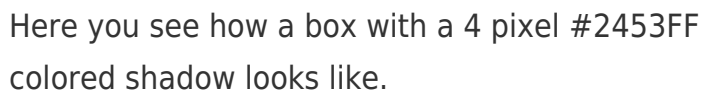
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2453FF }
```

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

```
.border{ border-color:#2453FF }
```

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



Here you see how a box with a 4 pixel #2453FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2453FF; -webkit-box-shadow:4px 4px  
4px 4px #2453FF; box-shadow:4px 4px 4px  
4px #2453FF }
```

Background

The CSS property to change the background color of an element to Hex 2453FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2453FF }
```

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

```
.background{ background-color:#2453FF }
```

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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