

Converting Colors

Hex(2460FF)

Have a look what the booklet for
Hex(2460FF) contains.

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Color

Hex(2460FF)

Conversions

Conversions Part 1

Format	Color
Hex	2460FF
RGB	36, 96, 255
RGB Percent	14%, 38%, 100%
CMY	0.8588, 0.6235, 0.0000
CMYK	0.86, 0.62, 0.00, 0.00
HSL	224°, 100%, 57%
HSV	224°, 86%, 100%
XYZ	22.9604, 15.9608, 96.4783
YIQ	96.1860, -86.7990, 36.7290

Conversions

Conversions Part 2

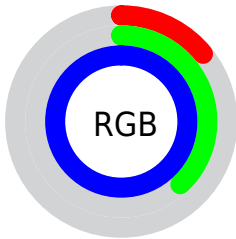
Format	Color
RYB	36, 83, 255
Decimal	2384127
CIELab	46.92, 40.18, -83.61
CIELCh	47, 92.762, 295.667
Yxy	15.9608, 0.1696, 0.1179
Android (android.graphics.Color)	4280574207 (0xFF2460FF)
YUV	96.1860, 78.2953, -52.7831
Hunter-Lab	39.9510, 32.6724, -115.2148

Details

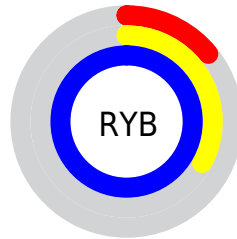
The Hex color **2460FF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed azure. A complement of this color would be **FFC324**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7B92FF**, and **0033C5** is the 20% darker color. If you saturate the color by 10%, you get **0A4DFF**, and if you desaturate by 10%, it is **3D73FF**.

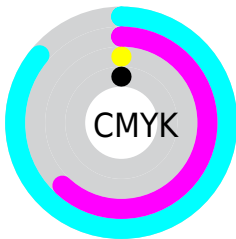
Distribution



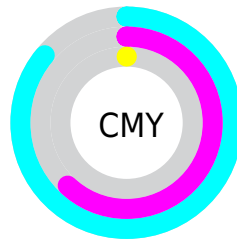
- Red (14%)
- Green (38%)
- Blue (100%)



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



- Cyan (86%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)



- Cyan (86%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2460FF 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 2460FF by changing the saturation by 10% instead.

 2460FF

 2460FF

FFFFFF

 0049E2

 7B92FF

 0033C5

 9DADFF

 001FA9

 BDC8FF

 00108D

 DDE4FF

 000173

FDFFFF

 000D59

 000741

 00032A

 000114

 2460FF

 2460FF

 0A4DFF

 3D73FF

 0046FF

 5785FF

 7098FF

 8AAAFF

 A3BDFE

 BDCFEF

 D6E2FF

 F0F4FF

FFFFFF

Harmonies

Analogous

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



007EFF



2460FF



BD1EC9

Triad

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



2460FF



CA3F00



008C61

Complementary

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



2460FF



FFC324

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.



008800



2460FF



926900

Square

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



2460FF



EB0032



447E00



008EB2

Rectangle

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



2460FF



E20098



447E00



008B45

Sweetspot

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



2460FF



BDCFFF



24FFC1



586380



000000



808080

Same Dimension

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



2460FF



0046FF



5324FF



737680



0034BF



001140

Inverse Universe

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



FF2460



FF0046



D0FF24



807376



BF0034



400011

Previews

White Background



This preview shows how the Hex color 2460FF looks on a white background.

Color Contrast Check

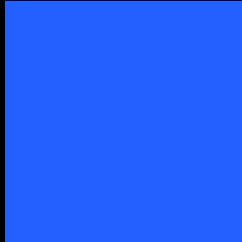
Large Text (above 18pt) WCAG AA ✓ Pass

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 2460FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

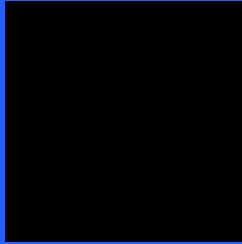
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

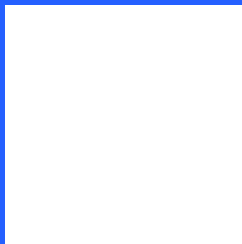
Any Text WCAG AAA × Fail

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

Hex 2460FF Background



This preview shows how black text looks on a background with the Hex color 2460FF.

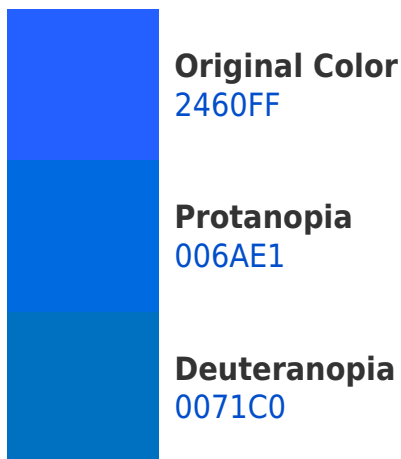


This preview shows how white text looks on a background with the Hex color 2460FF.

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](#).

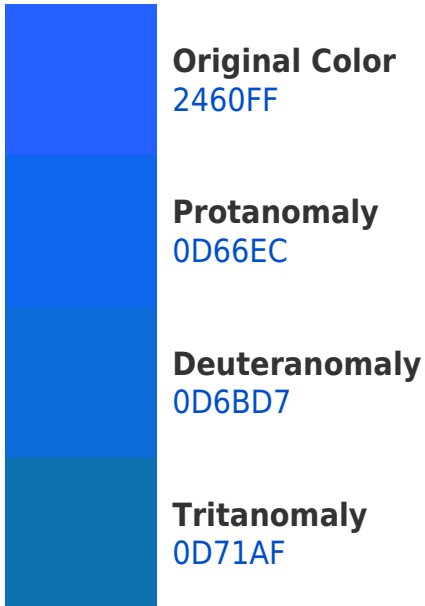
Dichromacy



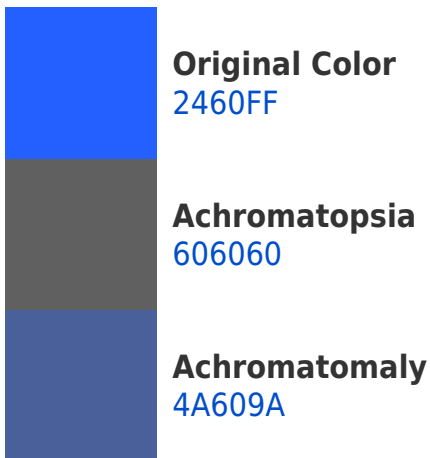


Tritanopia
007A82

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2460FF 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 #2460FF looks like.

```
.text, #text, p{  
    color:#2460FF  
}
```

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 #2460FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2460FF
}
```

Border

The CSS property to change the border of an element to Hex 2460FF 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
#2460FF }
```

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

```
.border{ border-color:#2460FF }
```

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

Here you see how a box with a 4 pixel #2460FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2460FF; -webkit-box-shadow:4px 4px  
4px 4px #2460FF; box-shadow:4px 4px 4px  
4px #2460FF }
```

Background

The CSS property to change the background color of an element to Hex 2460FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2460FF }
```

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

```
.background{ background-color:#2460FF }
```

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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