

Converting Colors

Hex(2445F0)

Have a look what the booklet for
Hex(2445F0) contains.

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Color

Hex(2445F0)

Conversions

Conversions Part 1

Format	Color
Hex	2445F0
RGB	36, 69, 240
RGB Percent	14%, 27%, 94%
CMY	0.8588, 0.7294, 0.0588
CMYK	0.85, 0.71, 0.00, 0.06
HSL	230°, 87%, 54%
HSV	230°, 85%, 94%
XYZ	18.5839, 10.9226, 83.5669
YIQ	78.6270, -74.5590, 46.1850

Conversions

Conversions Part 2

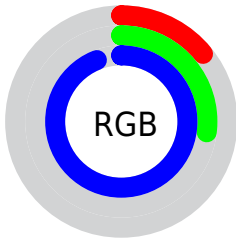
Format	Color
R_{YB}	36, 64, 240
Decimal	2377200
CIE _{Lab}	39.45, 51.20, -87.51
CIE _{LCh}	39, 101.386, 300.329
Yxy	10.9226, 0.1644, 0.0966
Android (android.graphics.Color)	4280567280 (0xFF2445F0)
YUV	78.6270, 79.5569, -37.3839
Hunter-Lab	33.0493, 42.5354, -126.7832

Details

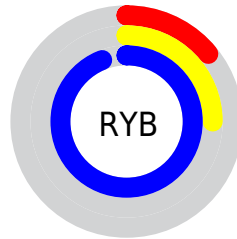
The Hex color **2445F0** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **F0CF24**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7976FF**, and **0019B6** is the 20% darker color. If you saturate the color by 10%, you get **0C31F0**, and if you desaturate by 10%, it is **3C59F0**.

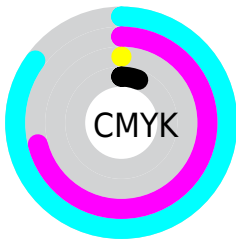
Distribution



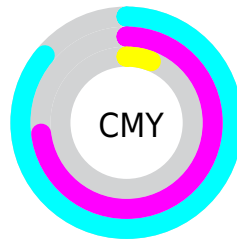
- Red (14%)
- Green (27%)
- Blue (94%)



- Red (14%)
- Yellow (25%)
- Blue (94%)



- Cyan (85%)
- Magenta (71%)
- Yellow (0%)
- Black (6%)



- Cyan (86%)
- Magenta (73%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2445F0 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 2445F0 by changing the saturation by 10% instead.

 2445F0

 2445F0

FFFFFF

 002ED3

 7976FF

 0019B6

 9B90FF

 00069B

 BBABFF

 000080

 DBC6FF

 000C65

 FBE2FF

 00094C

 000535

 00021E

 000001

■ 2445F0

■ 2445F0

■ 0C31F0

■ 3C59F0

■ 0027F0

■ 546DF0

■ 6C81F0

■ 8495F0

■ 9CAAF0

■ B4BEF0

■ CCD2F0

■ E4E6F0

■ FCFAF0

Harmonies

Analogous

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



006BFF



2445F0



B900B1

Triad

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



2445F0



AF2D00



00795C

Complementary

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



2445F0



F0CF24

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.



007600



2445F0



715B00

Square

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



2445F0



D80010



006E00



007BB0

Rectangle

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



2445F0



D9007B



006E00



00783E

Sweetspot

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



2445F0



BDC7FF



24F0CE



585E80



000000



808080

Same Dimension

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



2445F0



0029FF



6824F0



6C6E78



001EB8



000938

Inverse Universe

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



F02445



FF0029



ACF024



786C6E



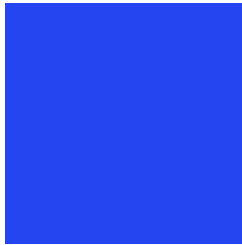
B8001E



380009

Previews

White Background



This preview shows how the Hex color 2445F0 looks on a white background.

Color Contrast Check

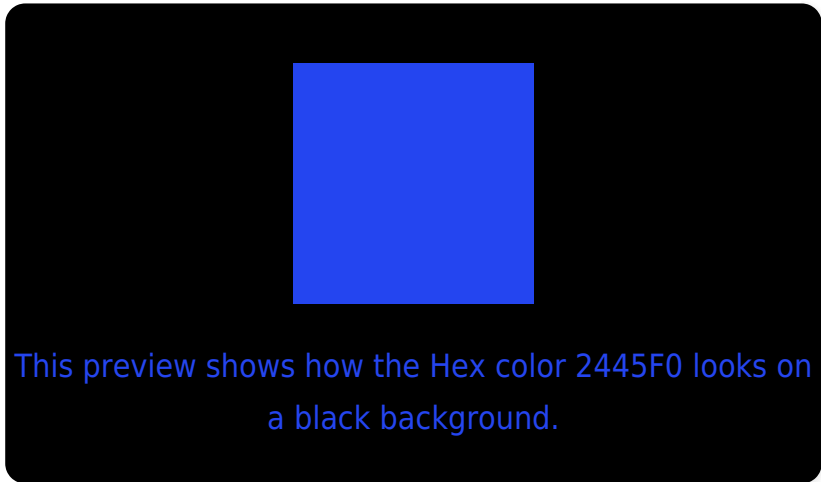
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

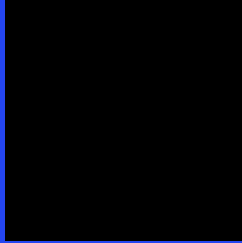
Any Text WCAG AA × Fail

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 2445F0 Background



This preview shows how black text looks on a background with the Hex color 2445F0.



This preview shows how white text looks on a background with the Hex color 2445F0.

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](#).

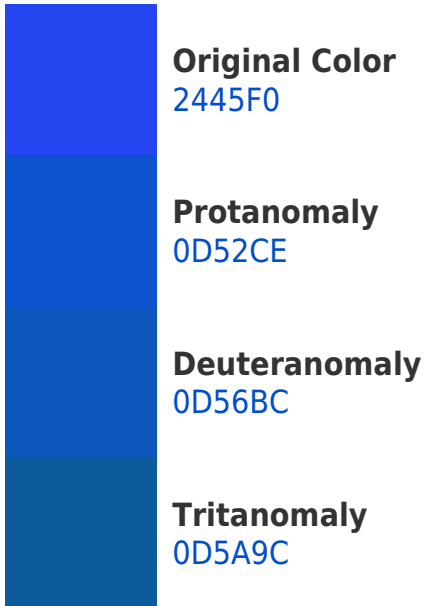
Dichromacy



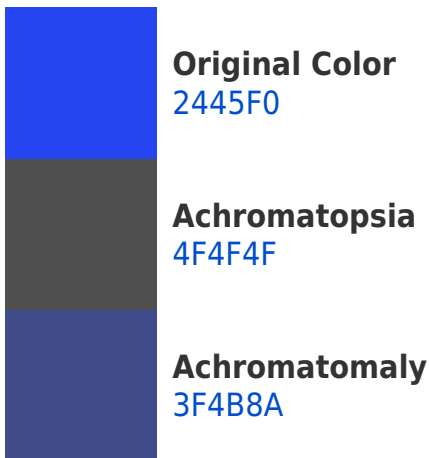


Tritanopia
00666C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2445F0 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 #2445F0 looks like.

```
.text, #text, p{  
    color:#2445F0  
}
```

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 #2445F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2445F0
}
```

Border

The CSS property to change the border of an element to Hex 2445F0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

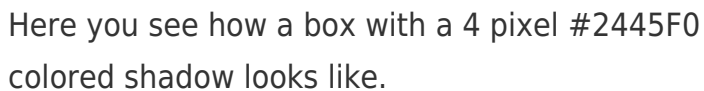
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2445F0 }
```

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

```
.border{ border-color:#2445F0 }
```

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



Here you see how a box with a 4 pixel #2445F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2445F0; -webkit-box-shadow:4px 4px  
4px 4px #2445F0; box-shadow:4px 4px 4px  
4px #2445F0 }
```

Background

The CSS property to change the background color of an element to Hex 2445F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2445F0 }
```

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

```
.background{ background-color:#2445F0 }
```

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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