

Converting Colors

Hex(245EF1)

Have a look what the booklet for
Hex(245EF1) contains.

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Color

Hex(245EF1)

Conversions

Conversions Part 1

Format	Color
Hex	245EF1
RGB	36, 94, 241
RGB Percent	14%, 37%, 95%
CMY	0.8588, 0.6314, 0.0549
CMYK	0.85, 0.61, 0.00, 0.05
HSL	223°, 88%, 54%
HSV	223°, 85%, 95%
XYZ	20.6074, 14.7313, 84.9764
YIQ	93.4160, -81.7550, 33.4210

Conversions

Conversions Part 2

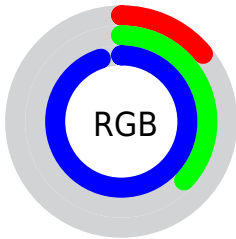
Format	Color
R_{YB}	36, 81, 241
Decimal	2383601
CIE _{Lab}	45.26, 36.31, -78.51
CIE _{LCh}	45, 86.499, 294.818
Yxy	14.7313, 0.1713, 0.1224
Android (android.graphics.Color)	4280573681 (0xFF245EF1)
YUV	93.4160, 72.7589, -50.3538
Hunter-Lab	38.3814, 28.6712, -104.4009

Details

The Hex color **245EF1** 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 **F1B724**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7790FF**, and **0031B8** is the 20% darker color. If you saturate the color by 10%, you get **0C4DF1**, and if you desaturate by 10%, it is **3C6FF1**.

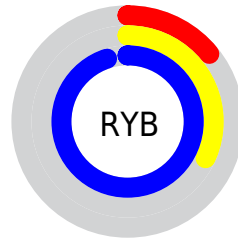
Distribution



Red (14%)

Green (37%)

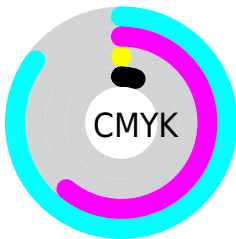
Blue (95%)



Red (14%)

Yellow (32%)

Blue (95%)

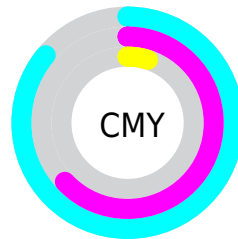


Cyan (85%)

Magenta (61%)

Yellow (0%)

Black (5%)



Cyan (86%)

Magenta (63%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 245EF1 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 245EF1 by changing the saturation by 10% instead.

 245EF1

 245EF1

FFFFFF

 0047D4

 7790FF

 0031B8

 98AAFF

 001E9C

 B8C5FF

 000D81

 D8E1FF

 000567

 F7FEFF

 000A4E

 000536

 000220

 000003

■ 245EF1

■ 245EF1

■ 0C4DF1

■ 3C6FF1

■ 0044F1

■ 5481F1

■ 6C92F1

■ 84A3F1

■ 9CB4F1

■ B5C6F1

■ CDD7F1

■ E5E8F1

■ FDFAF1

Harmonies

Analogous

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



0079FE



245EF1



B228C0

Triad

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



245EF1



C13E00



00865C

Complementary

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



245EF1



F1B724

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



245EF1



8E6400

Square

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



245EF1



DF0034



487800



0088A7

Rectangle

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



245EF1



D50093



487800



008542

Sweetspot

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



245EF1



BDCFFB



24F1B7



586380



000000



808080

Same Dimension

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



245EF1



0048FF



5024F1



6C6F78



0034B8



001038

Inverse Universe

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



F1245E



FF0048



C5F124



786C6F



B80034



380010

Previews

White Background



This preview shows how the Hex color 245EF1 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 245EF1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

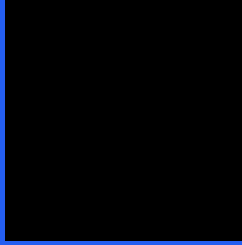
Any Text WCAG AA × Fail

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 245EF1 Background



This preview shows how black text looks on a background with the Hex color 245EF1.

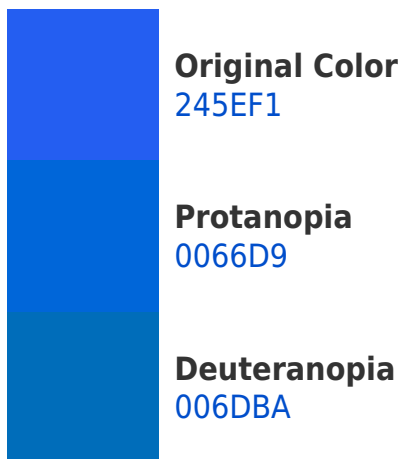


This preview shows how white text looks on a background with the Hex color 245EF1.

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](#).

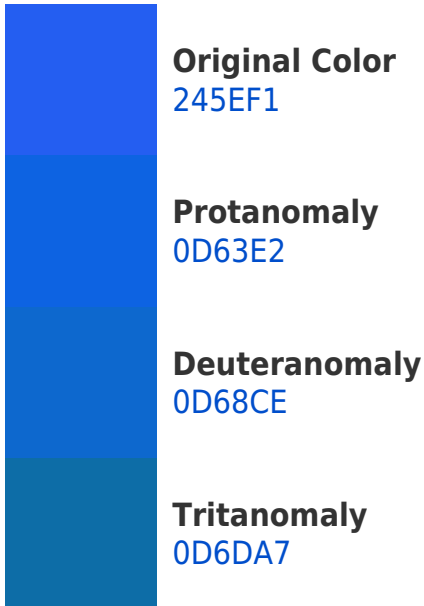
Dichromacy





Tritanopia
00767D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 245EF1 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 #245EF1 looks like.

```
.text, #text, p{  
    color:#245EF1  
}
```

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 #245EF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #245EF1  
}
```

Border

The CSS property to change the border of an element to Hex 245EF1 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  
#245EF1 }
```

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

```
.border{ border-color:#245EF1 }
```

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

Here you see how a box with a 4 pixel #245EF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #245EF1; -webkit-box-shadow:4px 4px  
4px 4px #245EF1; box-shadow:4px 4px 4px  
4px #245EF1 }
```

Background

The CSS property to change the background color of an element to Hex 245EF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#245EF1 }
```

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

```
.background{ background-color:#245EF1 }
```

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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