

Converting Colors

Hex(245FB1)

Have a look what the booklet for
Hex(245FB1) contains.

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Color

Hex(245FB1)

Conversions

Conversions Part 1

Format	Color
Hex	245FB1
RGB	36, 95, 177
RGB Percent	14%, 37%, 69%
CMY	0.8588, 0.6275, 0.3059
CMYK	0.80, 0.46, 0.00, 0.31
HSL	215°, 66%, 42%
HSV	215°, 80%, 69%
XYZ	12.7556, 11.7338, 43.1875
YIQ	86.7070, -61.4860, 12.9940

Conversions

Conversions Part 2

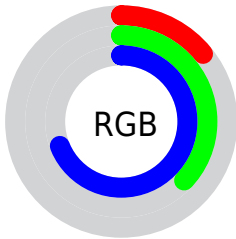
Format	Color
R_{YB}	36, 78, 177
Decimal	2383793
CIE _{Lab}	40.79, 11.21, -49.03
CIE _{LCh}	41, 50.298, 282.874
Yxy	11.7338, 0.1885, 0.1734
Android (android.graphics.Color)	4280573873 (0xFF245FB1)
YUV	86.7070, 44.5144, -44.4700
Hunter-Lab	34.2547, 6.5233, -50.7733

Details

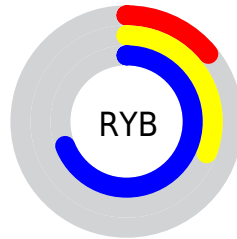
The Hex color **245FB1** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B17624**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6791E9**, and **00327C** is the 20% darker color. If you saturate the color by 10%, you get **1255B1**, and if you desaturate by 10%, it is **3669B1**.

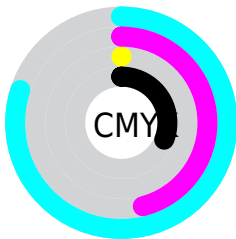
Distribution



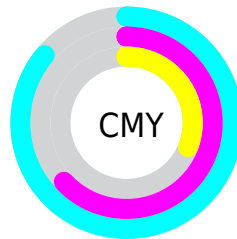
- Red (14%)
- Green (37%)
- Blue (69%)



- Red (14%)
- Yellow (31%)
- Blue (69%)



- Cyan (80%)
- Magenta (46%)
- Yellow (0%)
- Black (31%)



- Cyan (86%)
- Magenta (63%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 245FB1 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 245FB1 by changing the saturation by 10% instead.

■ 245FB1

■ 245FB1

FFFFFF

■ 004896

■ 6791E9

■ 00327C

■ 85ABFF

■ 001E62

■ A2C6FF

■ 00034A

■ BFE2FF

■ 000432

■ DDFFFF

■ 00021C

■ FBFFFF

■ 000000

■ 245FB1

■ 245FB1

■ 1255B1

■ 3669B1

014AB1

4774B1

004AB1

597EB1

6B88B1

7C92B1

8E9DB1

A0A7B1

B2B1B1

C3BCB1

Harmonies

Analogous

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



006BAF



245FB1



784D9D

Triad

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



245FB1



A0442A



007246

Complementary

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



245FB1



B17624

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.



346D1E



245FB1



875504

Square

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



245FB1



AA3650



636400



007371

Rectangle

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



245FB1



944086



636400



007038

Sweetspot

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



245FB1



AEC5E6



24B174



515F73



F2F2F2



737373

Same Dimension

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



245FB1



0965E6



2D24B1



505459



004099



000B1A

Inverse Universe

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



B1245F



E60965



A8B124



595054



990040



1A000B

Previews

White Background



This preview shows how the Hex color 245FB1 looks on a white background.

Color Contrast Check

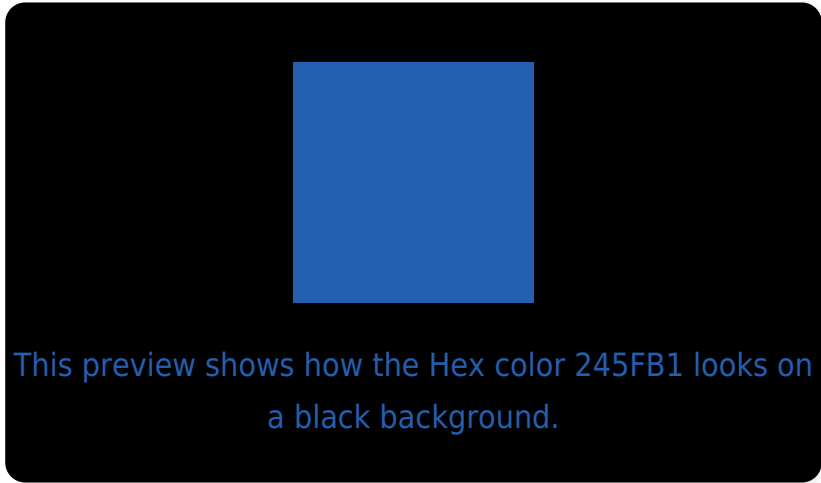
Large Text (above 18pt) WCAG AA ✓ Pass

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

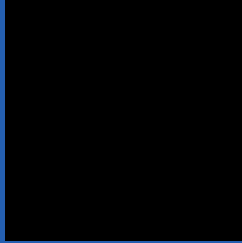
Any Text WCAG AA × Fail

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 245FB1 Background



This preview shows how black text looks on a background with the Hex color 245FB1.

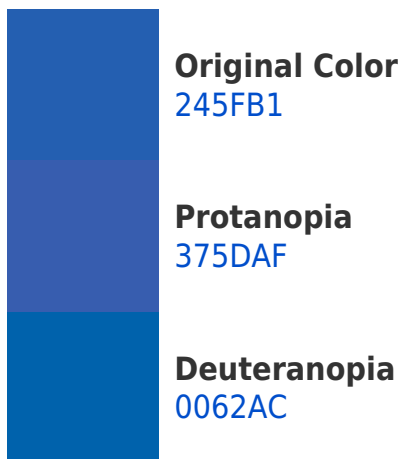


This preview shows how white text looks on a background with the Hex color 245FB1.

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](#).

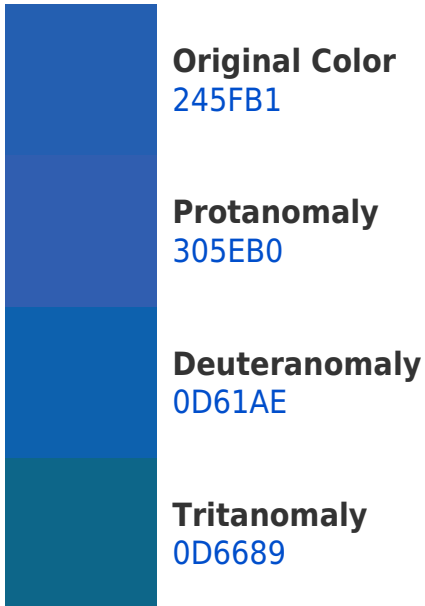
Dichromacy



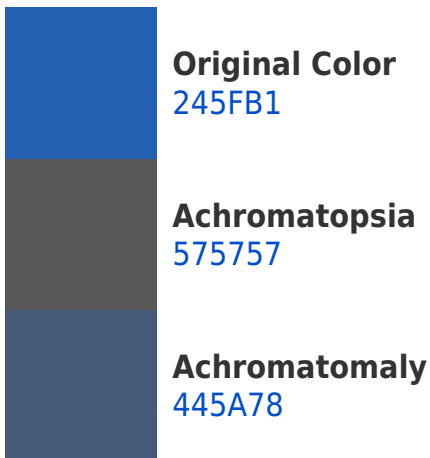


Tritanopia
006A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 245FB1 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 #245FB1 looks like.

```
.text, #text, p{  
    color:#245FB1  
}
```

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 #245FB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #245FB1  
}
```

Border

The CSS property to change the border of an element to Hex 245FB1 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  
#245FB1 }
```

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

```
.border{ border-color:#245FB1 }
```

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

Here you see how a box with a 4 pixel #245FB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #245FB1; -webkit-box-shadow:4px 4px  
4px 4px #245FB1; box-shadow:4px 4px 4px  
4px #245FB1 }
```

Background

The CSS property to change the background color of an element to Hex 245FB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#245FB1 }
```

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

```
.background{ background-color:#245FB1 }
```

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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