

Converting Colors

Hex(246FB5)

Have a look what the booklet for
Hex(246FB5) contains.

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Color

Hex(246FB5)

Conversions

Conversions Part 1

Format	Color
Hex	246FB5
RGB	36, 111, 181
RGB Percent	14%, 44%, 71%
CMY	0.8588, 0.5647, 0.2902
CMYK	0.80, 0.39, 0.00, 0.29
HSL	209°, 67%, 43%
HSV	209°, 80%, 71%
XYZ	14.7525, 15.0801, 45.8493
YIQ	96.5550, -67.1700, 5.8700

Conversions

Conversions Part 2

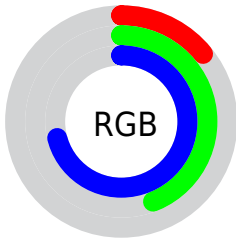
Format	Color
R_{YB}	36, 85, 181
Decimal	2387893
CIE _{Lab}	45.74, 2.57, -43.45
CIE _{LCh}	46, 43.528, 273.385
Yxy	15.0801, 0.1949, 0.1993
Android (android.graphics.Color)	4280577973 (0xFF246FB5)
YUV	96.5550, 41.6314, -53.1067
Hunter-Lab	38.8332, -0.1470, -42.8189

Details

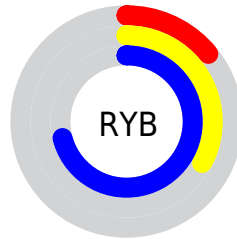
The Hex color **246FB5** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B56A24**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **68A2ED**, and **004080** is the 20% darker color. If you saturate the color by 10%, you get **1266B5**, and if you desaturate by 10%, it is **3678B5**.

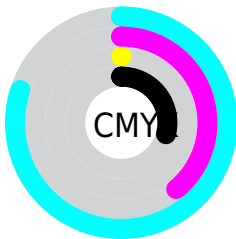
Distribution



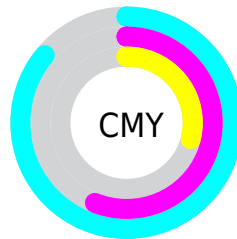
- Red (14%)
- Green (44%)
- Blue (71%)



- Red (14%)
- Yellow (33%)
- Blue (71%)



- Cyan (80%)
- Magenta (39%)
- Yellow (0%)
- Black (29%)



- Cyan (86%)
- Magenta (56%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 246FB5 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 246FB5 by changing the saturation by 10% instead.

■ 246FB5

■ 246FB5

FFFFFF

■ 00579A

■ 68A2ED

■ 004080

■ 86BDFF

■ 002B66

■ A3D9FF

■ 00174E

■ C1F5FF

■ 000536

■ DEFFF

■ 000220

■ FCFFF

■ 000004

■ 000000

■ 246FB5

■ 246FB5

■ 1266B5

■ 3678B5

■ 005EB5

■ 4880B5

■ 5A89B5

■ 6C92B5

■ 7F9BB5

■ 91A3B5

■ A3ACB5

■ B5B5B5

■ C7BEB5

Harmonies

Analogous

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



0079AD



246FB5



7361A9

Triad

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



246FB5



AC5146



1E7C4A

Complementary

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



246FB5



B56A24

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.



57762C



246FB5



9A5E2A

Square

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



246FB5



AE4B6A



7C6C1E



007E6F

Rectangle

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



246FB5



915798



7C6C1E



367A3F

Sweetspot

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



246FB5



B2CFEB



24B568



536575



F5F5F5



757575

Same Dimension

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



246FB5



097EEB



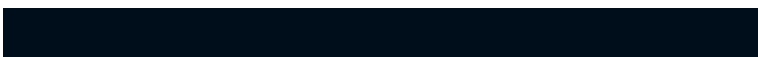
2429B5



505559



004F99



000D1A

Inverse Universe

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



B5246F



EB097E



B5B024



595055



99004F



1A000D

Previews

White Background



This preview shows how the Hex color 246FB5 looks on a white background.

Color Contrast Check

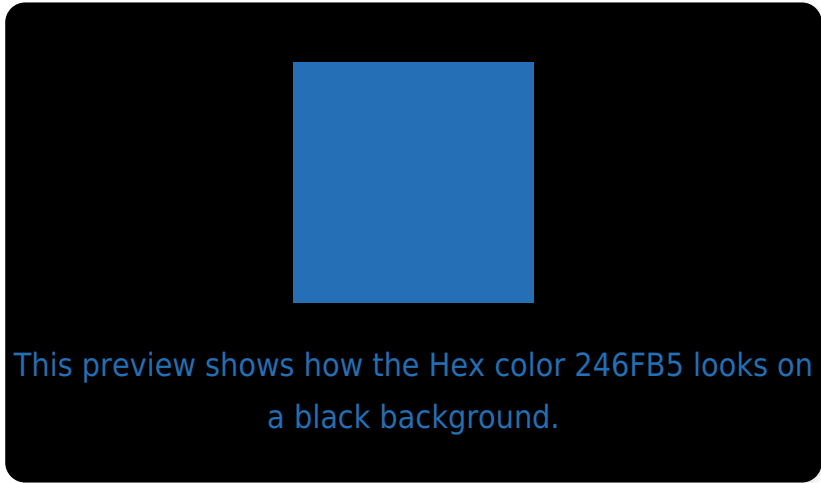
Large Text (above 18pt) WCAG AA ✓ Pass

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

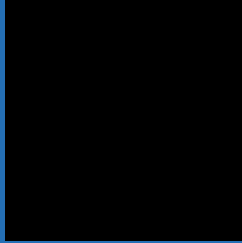
Any Text WCAG AA × Fail

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 246FB5 Background



This preview shows how black text looks on a background with the Hex color 246FB5.

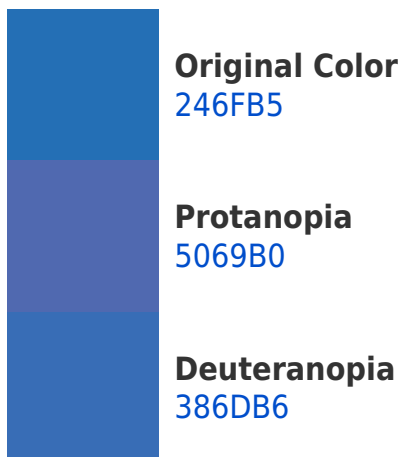


This preview shows how white text looks on a background with the Hex color 246FB5.

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](#).

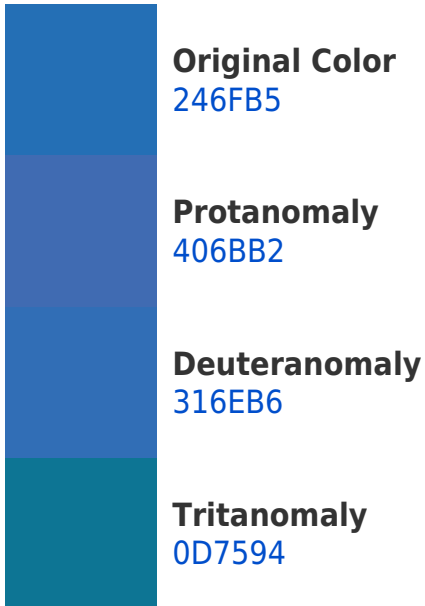
Dichromacy



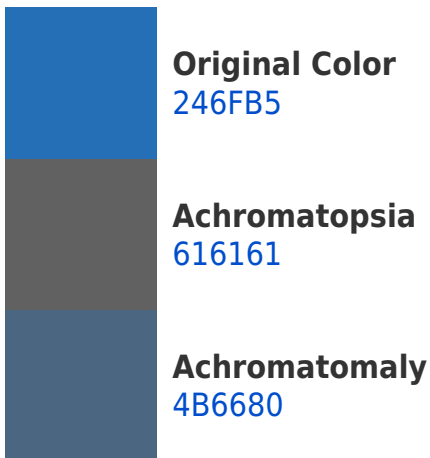


Tritanopia
007881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 246FB5 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 #246FB5 looks like.

```
.text, #text, p{  
    color:#246FB5  
}
```

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 #246FB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #246FB5  
}
```

Border

The CSS property to change the border of an element to Hex 246FB5 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  
#246FB5 }
```

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

```
.border{ border-color:#246FB5 }
```

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

Here you see how a box with a 4 pixel #246FB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #246FB5; -webkit-box-shadow:4px 4px  
4px 4px #246FB5; box-shadow:4px 4px 4px  
4px #246FB5 }
```

Background

The CSS property to change the background color of an element to Hex 246FB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#246FB5 }
```

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

```
.background{ background-color:#246FB5 }
```

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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