

# Converting Colors

Hex(246AEF)

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

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# Color

Hex(246AEF)

# Conversions

## Conversions Part 1

Format	Color
Hex	246AEF
RGB	36, 106, 239
RGB Percent	14%, 42%, 94%
CMY	0.8588, 0.5843, 0.0627
CMYK	0.85, 0.56, 0.00, 0.06
HSL	219°, 86%, 54%
HSV	219°, 85%, 94%
XYZ	21.4616, 16.9151, 83.7952
YIQ	100.2320, -84.4130, 26.5230

# Conversions

## Conversions Part 2

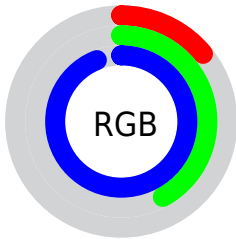
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	36, 88, 239
Decimal	2386671
CIE Lab	48.15, 27.95, -72.67
CIE LCh	48, 77.861, 291.036
Yxy	16.9151, 0.1757, 0.1385
Android (android.graphics.Color)	4280576751 (0xFF246AEF)
YUV	100.2320, 68.4126, -56.3315
Hunter-Lab	41.1280, 21.1715, -92.0092

# Details

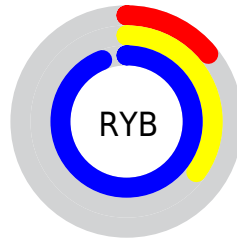
The Hex color **246AEF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **EFA924**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **769DFF**, and **003CB6** is the 20% darker color. If you saturate the color by 10%, you get **0C5AEF**, and if you desaturate by 10%, it is **3C7AEF**.

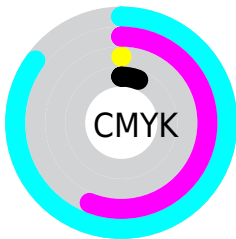
# Distribution



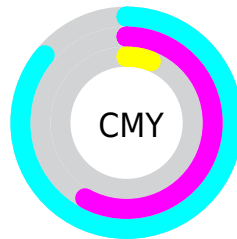
- Red (14%)
- Green (42%)
- Blue (94%)



- Red (14%)
- Yellow (35%)
- Blue (94%)



- Cyan (85%)
- Magenta (56%)
- Yellow (0%)
- Black (6%)



- Cyan (86%)
- Magenta (58%)
- Yellow (6%)

# Brightness & Saturation Gradients

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



 246AEF

 246AEF

FFFFFF

 0052D2

 769DFF

 003CB6

 97B7FF

 00289A

 B6D3FF

 001780

 D6EFFF

 000166

 F5FFFF

 00094C

 000535

 00021F

 000001

■ 246AEF

■ 246AEF

■ 0C5AEF

■ 3C7AEF

■ 0052EF

■ 5489EF

■ 6C99EF

■ 84A9EF

■ 9BB8EF

■ B3C8EF

■ CBD8EF

■ E3E7EF

■ FBF7EF

# Harmonies

## Analogous

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



0081F6



246AEF



AB44C6

# Triad

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



246AEF



C94800



008C5C

# Complementary

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



246AEF



EFA924

# 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.



00880B



246AEF



9C6900

# Square

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



246AEF



E11448



5F7D00



008EAO

# Rectangle

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



246AEF



D0219F



5F7D00



008B44



# Sweetspot

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



246AEF



BFD5FF



24EFA8



596680



000000



808080



# Same Dimension

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



246AEF



0058FF



4224EF



6C7078



003FB8



001338



# Inverse Universe

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



EF246A



FF0058



D1EF24



786C70



B8003F



380013



# Previews

## White Background



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

## Color Contrast Check

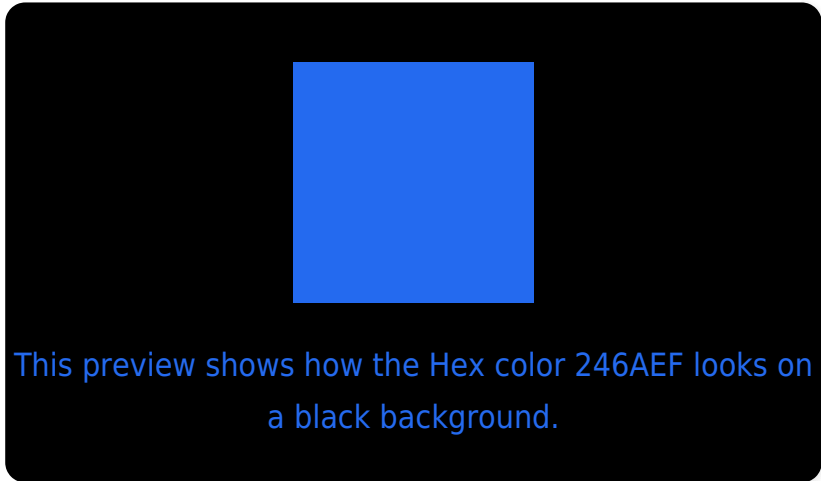
Large Text (above 18pt) WCAG AA ✓ Pass

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

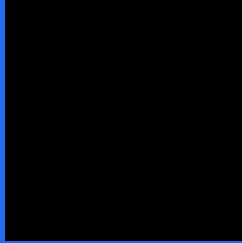
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

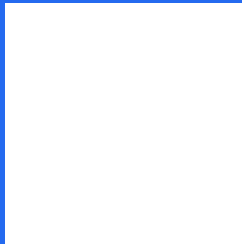
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 246AEF Background



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

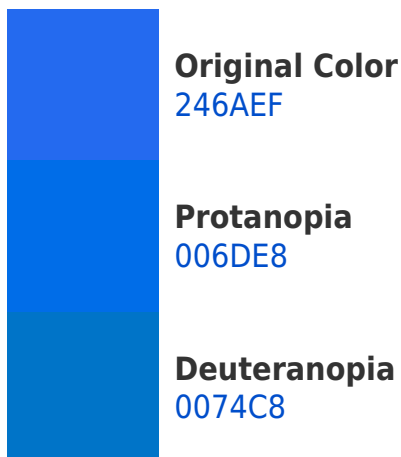


This preview shows how white text looks on a background with the Hex color 246AEF.

# 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](#).

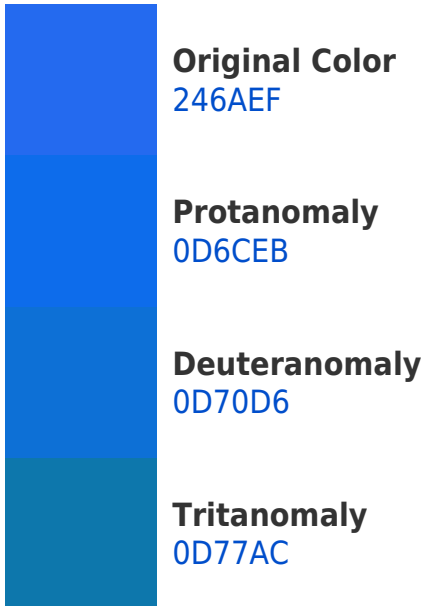
## Dichromacy





**Tritanopia**  
007E86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #246AEF colored shadow looks like.

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

## Border

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

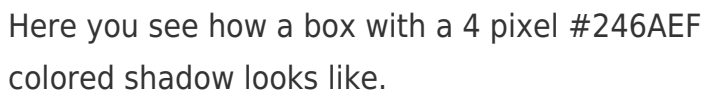
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#246AEF }
```

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

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

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



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

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

# Background

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

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

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

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

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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