

# Converting Colors

Hex(245FF9)

Have a look what the booklet for  
Hex(245FF9) contains.

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# Color

**Hex(245FF9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	245FF9
RGB	36, 95, 249
RGB Percent	14%, 37%, 98%
CMY	0.8588, 0.6275, 0.0235
CMYK	0.86, 0.62, 0.00, 0.02
HSL	223°, 95%, 56%
HSV	223°, 86%, 98%
XYZ	21.9186, 15.3990, 91.4396
YIQ	94.9150, -84.5980, 35.3860

# Conversions

## Conversions Part 2

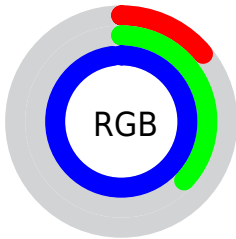
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	36, 82, 249
Decimal	2383865
CIE <sub>Lab</sub>	46.18, 38.62, -81.49
CIE <sub>LCh</sub>	46, 90.179, 295.355
Y <sub>xy</sub>	15.3990, 0.1702, 0.1196
Android (android.graphics.Color)	4280573945 (0xFF245FF9)
Y <sub>UV</sub>	94.9150, 75.9639, -51.6685
Hunter-Lab	39.2416, 31.0295, -110.6866

# Details

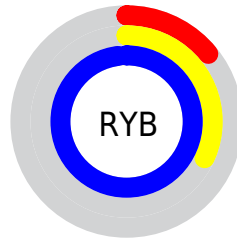
The Hex color **245FF9** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **F9BE24**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7991FF**, and **0032BF** is the 20% darker color. If you saturate the color by 10%, you get **0B4DF9**, and if you desaturate by 10%, it is **3D71F9**.

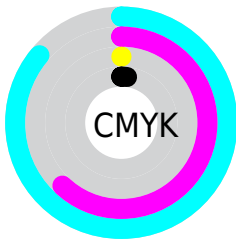
# Distribution



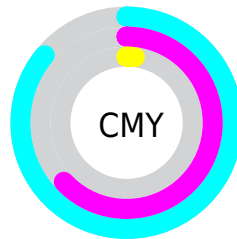
- Red (14%)
- Green (37%)
- Blue (98%)



- Red (14%)
- Yellow (32%)
- Blue (98%)



- Cyan (86%)
- Magenta (62%)
- Yellow (0%)
- Black (2%)



- Cyan (86%)
- Magenta (63%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 245FF9 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 245FF9 by changing the saturation by 10% instead.



 245FF9

 245FF9

FFFFFF

 0048DC

 7991FF

 0032BF

 9BABFF

 001FA3

 BBC7FF

 000F88


 DBE3FF

 00036E

 FBFFFF

 000B54

 00063C

 000225

 00010E

■ 245FF9

■ 245FF9

■ 0B4DF9

■ 3D71F9

■ 0045F9

■ 5683F9

■ 6F95F9

■ 88A7F9

■ A1B9F9

■ B9CBF9

■ D2DDF9

■ EBEFF9

■ FFFFF9

# Harmonies

## Analogous

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



007CFF



245FF9



B822C5

# Triad

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



245FF9



C63F00



008A5F

# Complementary

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



245FF9



F9BE24

# 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.



008500



245FF9



906700

# Square

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



245FF9



E60033



467C00



008BAD

# Rectangle

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



245FF9



DC0096



467C00



008944



# Sweetspot

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



245FF9



BDCFF9



24F9BD



586380



000000



808080



# Same Dimension

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



245FF9



0047FF



5224F9



70747D



0034BD



00113D



# Inverse Universe

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



F9245F



FF0047



CBF924



7D7074



BD0034



3D0011



# Previews

## White Background



This preview shows how the Hex color 245FF9 looks on a white background.

## Color Contrast Check

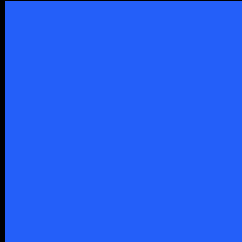
Large Text (above 18pt) WCAG AA ✓ Pass

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 245FF9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

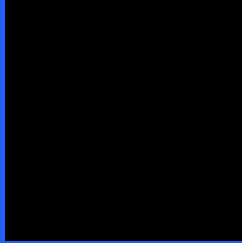
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 245FF9 Background



This preview shows how black text looks on a background with the Hex color 245FF9.

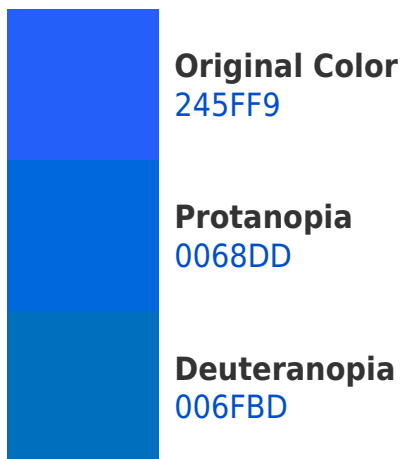


This preview shows how white text looks on a background with the Hex color 245FF9.

# Color Blindness Simulation

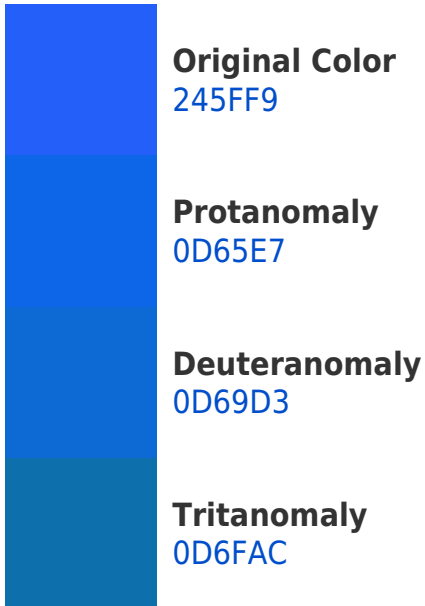
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 245FF9 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 #245FF9 looks like.

```
.text, #text, p{  
    color:#245FF9  
}
```

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 #245FF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #245FF9
}
```

## Border

The CSS property to change the border of an element to Hex 245FF9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

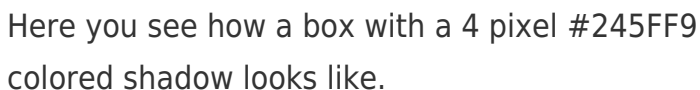
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#245FF9 }
```

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

```
.border{ border-color:#245FF9 }
```

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



Here you see how a box with a 4 pixel #245FF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #245FF9; -webkit-box-shadow:4px 4px  
4px 4px #245FF9; box-shadow:4px 4px 4px  
4px #245FF9 }
```

# Background

The CSS property to change the background color of an element to Hex 245FF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#245FF9 }
```

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

```
.background{ background-color:#245FF9 }
```

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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