

# Converting Colors

Hex(6346E9)

Have a look what the booklet for  
Hex(6346E9) contains.

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# Color

**Hex(6346E9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6346E9
RGB	99, 70, 233
RGB Percent	39%, 27%, 91%
CMY	0.6118, 0.7255, 0.0863
CMYK	0.58, 0.70, 0.00, 0.09
HSL	251°, 79%, 59%
HSV	251°, 70%, 91%
XYZ	22.0437, 12.9162, 78.4220
YIQ	97.2530, -35.0390, 56.8410

# Conversions

## Conversions Part 2

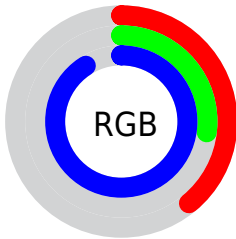
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 70, 233
Decimal	6506217
CIE <sub>Lab</sub>	42.64, 54.45, -78.18
CIE <sub>LCh</sub>	43, 95.274, 304.859
Yxy	12.9162, 0.1944, 0.1139
Android (android.graphics.Color)	4284696297 (0xFF6346E9)
YUV	97.2530, 66.9233, 1.5321
Hunter-Lab	35.9391, 46.5921, -104.2184

# Details

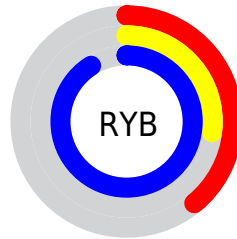
The Hex color **6346E9** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **CCE946**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **A179FF**, and **0A14B0** is the 20% darker color. If you saturate the color by 10%, you get **502FE9**, and if you desaturate by 10%, it is **765DE9**.

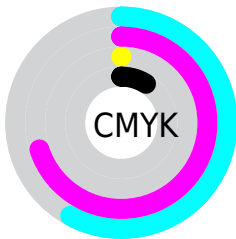
# Distribution



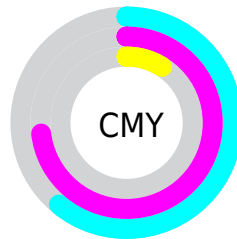
- Red (39%)
- Green (27%)
- Blue (91%)



- Red (39%)
- Yellow (27%)
- Blue (91%)



- Cyan (58%)
- Magenta (70%)
- Yellow (0%)
- Black (9%)



- Cyan (61%)
- Magenta (73%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6346E9 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 6346E9 by changing the saturation by 10% instead.



6346E9

6346E9

FFFFFF

402DCC

A179FF

0A14B0

C093FF

000094

DFAFFF

00007A

FECBFF

000060

FFE7FF

000847

00042F

00011A

000000

■ 6346E9

■ 6346E9

■ 502FE9

■ 765DE9

■ 3D17E9

■ 8975E9

■ 2A00E9

■ 9C8CE9

■ 2900E9

■ B0A3E9

■ C3BBE9

■ D6D2E9

■ E9E9E9

■ FCFFE9

■ FFFFE9

# Harmonies

## Analogous

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



006DFF



6346E9



C700A9

# Triad

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



6346E9



AE4300



008170

# Complementary

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



6346E9



CCE946

# 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.



007E15



6346E9



706700

# Square

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



6346E9



D8000C



007700



0082BE

# Rectangle

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



6346E9



E00076



007700



008154



# Sweetspot

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



6346E9



D3C9FF



46CEE9



656080



000000



808080



# Same Dimension

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



6346E9



4F29FF



B346E9



6C6A75



2000B5



0A0036



# Inverse Universe

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



E946CC



FF29D9



7CE946



756A73



B50095



36002C



# Previews

## White Background



This preview shows how the Hex color 6346E9 looks on a white background.

## Color Contrast Check

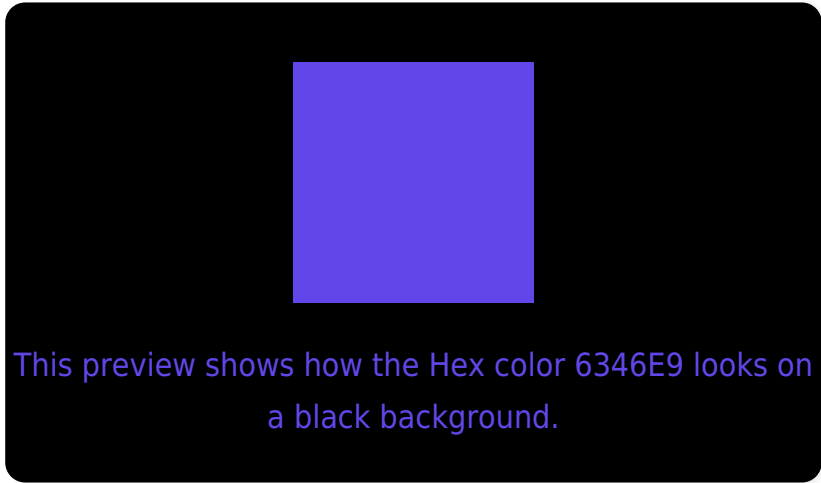
Large Text (above 18pt) WCAG AA ✓ Pass

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

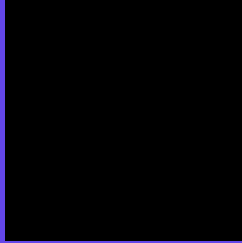
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6346E9 Background



This preview shows how black text looks on a background with the Hex color 6346E9.

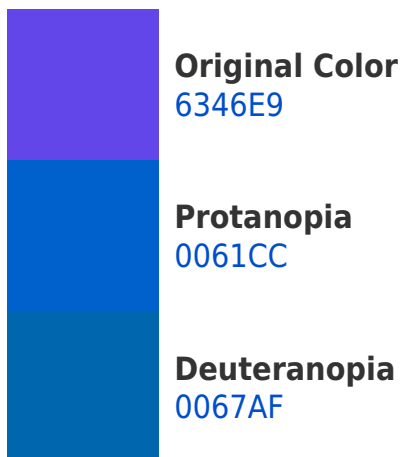


This preview shows how white text looks on a background with the Hex color 6346E9.

# 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](#).

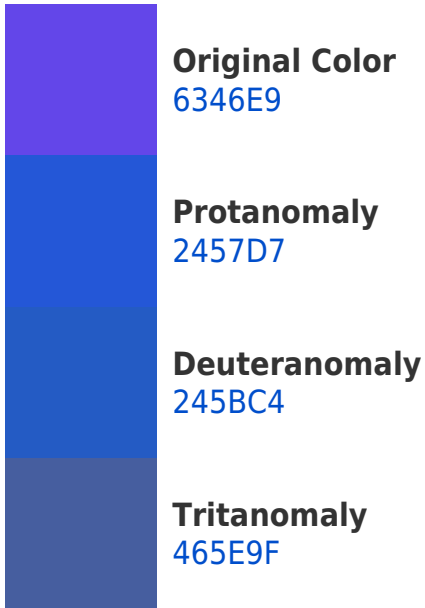
## Dichromacy





**Tritanopia**  
356C75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6346E9 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 #6346E9 looks like.

```
.text, #text, p{  
    color:#6346E9  
}
```

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 #6346E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6346E9
}
```

## Border

The CSS property to change the border of an element to Hex 6346E9 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".

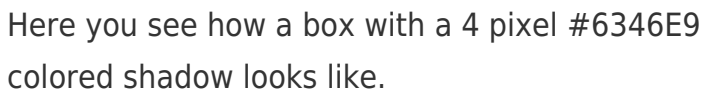
```
.border, #border, table{ border:4px solid
#6346E9 }
```

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

```
.border{ border-color:#6346E9 }
```

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

Here you see how a box with a 4 pixel #6346E9 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6346E9; -webkit-box-shadow:4px 4px  
4px 4px #6346E9; box-shadow:4px 4px 4px  
4px #6346E9 }
```

# Background

The CSS property to change the background color of an element to Hex 6346E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6346E9 }
```

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

```
.background{ background-color:#6346E9 }
```

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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