

# Converting Colors

Hex(7347FE)

Have a look what the booklet for  
Hex(7347FE) contains.

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**Color**

**Hex(7347FE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7347FE
RGB	115, 71, 254
RGB Percent	45%, 28%, 100%
CMY	0.5490, 0.7216, 0.0039
CMYK	0.55, 0.72, 0.00, 0.00
HSL	254°, 99%, 64%
HSV	254°, 72%, 100%
XYZ	27.2129, 15.3071, 95.2862
YIQ	105.0180, -32.5190, 66.2410

# Conversions

## Conversions Part 2

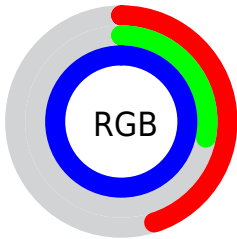
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 71, 254
Decimal	7555070
CIE <sub>Lab</sub>	46.05, 62.08, -84.32
CIE <sub>LCh</sub>	46, 104.705, 306.363
Yxy	15.3071, 0.1975, 0.1111
Android (android.graphics.Color)	4285745150 (0xFF7347FE)
YUV	105.0180, 73.4481, 8.7542
Hunter-Lab	39.1243, 55.6882, -117.0125

# Details

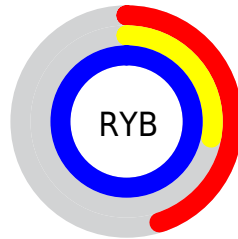
The Hex color **7347FE** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **D2FE47**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **B27BFF**, and **2710C4** is the 20% darker color. If you saturate the color by 10%, you get **602EFE**, and if you desaturate by 10%, it is **8660FE**.

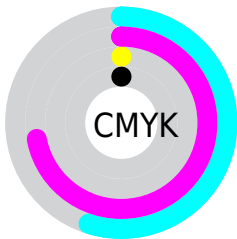
# Distribution



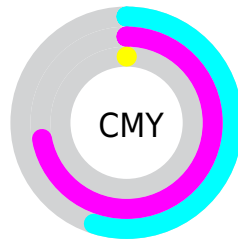
- Red (45%)
- Green (28%)
- Blue (100%)



- Red (45%)
- Yellow (28%)
- Blue (100%)



- Cyan (55%)
- Magenta (72%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (72%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7347FE 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 7347FE by changing the saturation by 10% instead.



 7347FE

 7347FE

FFFFFF

 512DE1

 B27BFF

 2710C4

 D196FF

 0000A8

 F0B2FF

 00008C

 FFCEFF

 000072

 FFE8FF

 000B58

 000740

 000329

 000113

 7347FE

 7347FE

 602EFE

 8660FE

 4C14FE

 9A7AFE

 3D00FE

 AD93FE

 C0ADFE

 D3C6FE

 E7DFFE

 FAF9FE

FFFFFFE

# Harmonies

## Analogous

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



0076FF



7347FE



DD00B5

# Triad

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



7347FE



BB4A00



008D7F

# Complementary

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



7347FE



D2FE47

# 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.



00891A



7347FE



757100

# Square

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



7347FE



EB0001



008200



008ED5

# Rectangle

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



7347FE



F7007C



008200



008C60



# Sweetspot

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



7347FE



D4C7FF



47D3FE



665E80



000000



808080



# Same Dimension

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



7347FE



5824FF



CD47FE



767380



2E00BF



0F0040



# Inverse Universe

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



FE47D2



FF24CA



78FE47



80737C



BF0091

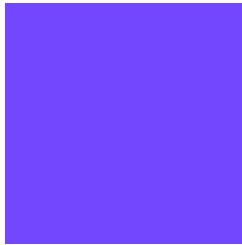


400030



# Previews

## White Background



This preview shows how the Hex color 7347FE 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 7347FE Background



This preview shows how black text looks on a background with the Hex color 7347FE.



This preview shows how white text looks on a background with the Hex color 7347FE.

# 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](#).

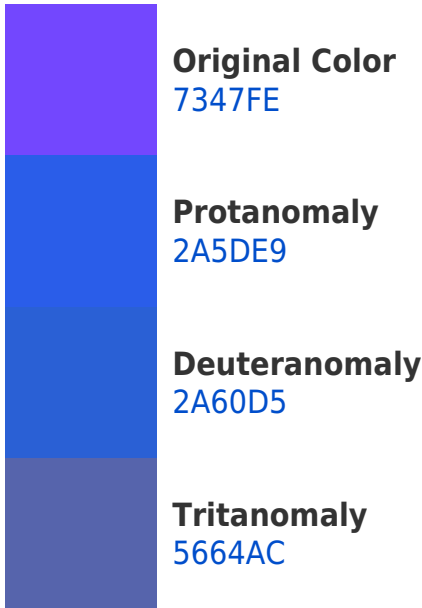
## Dichromacy





**Tritanopia**  
46747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7347FE 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 #7347FE looks like.

```
.text, #text, p{  
    color:#7347FE  
}
```

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 #7347FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7347FE
}
```

## Border

The CSS property to change the border of an element to Hex 7347FE is called "border". The border property can be set on classes, ids or directly on the HTML element.

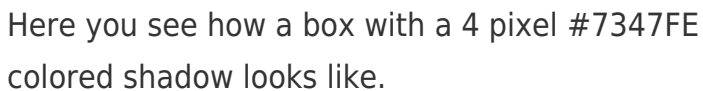
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7347FE }
```

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

```
.border{ border-color:#7347FE }
```

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



Here you see how a box with a 4 pixel #7347FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7347FE; -webkit-box-shadow:4px 4px  
4px 4px #7347FE; box-shadow:4px 4px 4px  
4px #7347FE }
```

# Background

The CSS property to change the background color of an element to Hex 7347FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7347FE }
```

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

```
.background{ background-color:#7347FE }
```

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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