

# Converting Colors

Hex(7932FC)

Have a look what the booklet for  
Hex(7932FC) contains.

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**Color**

**Hex(7932FC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7932FC
RGB	121, 50, 252
RGB Percent	47%, 20%, 99%
CMY	0.5255, 0.8039, 0.0118
CMYK	0.52, 0.80, 0.00, 0.01
HSL	261°, 97%, 59%
HSV	261°, 80%, 99%
XYZ	26.5964, 13.3744, 93.2752
YIQ	94.2570, -22.5260, 77.8740

# Conversions

## Conversions Part 2

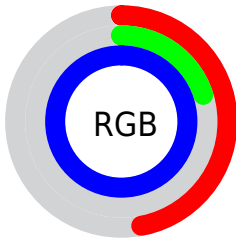
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 50, 252
Decimal	7942908
CIE <sub>Lab</sub>	43.32, 71.34, -87.67
CIE <sub>LCh</sub>	43, 113.026, 309.137
Yxy	13.3744, 0.1996, 0.1004
Android (android.graphics.Color)	4286132988 (0xFF7932FC)
YUV	94.2570, 77.7673, 23.4536
Hunter-Lab	36.5711, 65.8155, -125.6205

# Details

The Hex color **7932FC** 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 **B5FC32**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **B86AFF**, and **3000C2** is the 20% darker color. If you saturate the color by 10%, you get **6919FC**, and if you desaturate by 10%, it is **894BFC**.

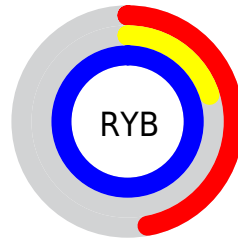
# Distribution



Red (47%)

Green (20%)

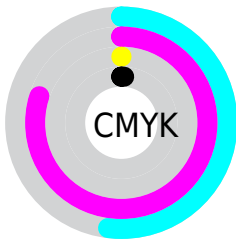
Blue (99%)



Red (47%)

Yellow (20%)

Blue (99%)

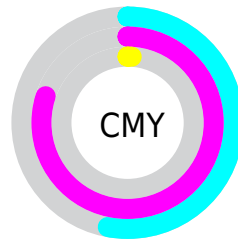


Cyan (52%)

Magenta (80%)

Yellow (0%)

Black (1%)



Cyan (53%)

Magenta (80%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7932FC 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 7932FC by changing the saturation by 10% instead.



 7932FC

 7932FC

FFFFFF

 570FDF

 B86AFF

 3000C2

 D785FF

 0000A6

 F7A1FF

 00008A

 FFBEFF

 000070

 FFDAFF

 000C56

 FFF8FF

 00063E

 000327

 000110

 7932FC

 7932FC

 6919FC

 894BFC

 5900FC

 9A64FC

 AA7EFC

 BA97FC

 CBB0FC

 DBC9FC

 EBE2FC

 FCFCFC

FFFFFFC

# Harmonies

## Analogous

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



006EFF



7932FC



E200AB

# Triad

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



7932FC



B04500



008682

# Complementary

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



7932FC



B5FC32

# 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.



008317



7932FC



636D00

# Square

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



7932FC



E60000



007D00



0088DE

# Rectangle

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



7932FC



FA006E



007D00



008561



# Sweetspot

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



7932FC



D7C2FF



32B5FC



685B80



000000



808080



# Same Dimension

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



7932FC



600AFF



DE32FC



75707D



4200BD



16003D



# Inverse Universe

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



FC32B5



FF0AA9



50FC32



7D7079



BD007A

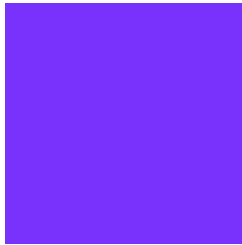


3D0028



# Previews

## White Background



This preview shows how the Hex color 7932FC 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

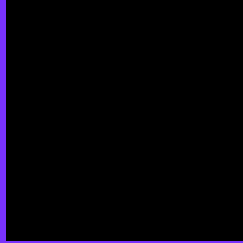
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7932FC Background



This preview shows how black text looks on a background with the Hex color 7932FC.



This preview shows how white text looks on a background with the Hex color 7932FC.

# 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



**Original Color**  
7932FC



**Protanomaly**  
2C51DF



**Tritanomaly**  
5E56A5

# Monochromacy



**Original Color**  
7932FC



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
684E97

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7932FC 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 #7932FC looks like.

```
.text, #text, p{  
    color:#7932FC  
}
```

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 #7932FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7932FC
}
```

## Border

The CSS property to change the border of an element to Hex 7932FC is called "border". The border property can be set on classes, ids or directly on the HTML element.

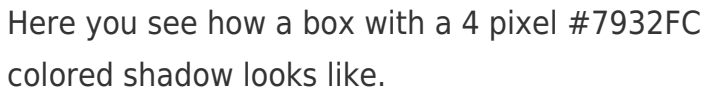
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7932FC }
```

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

```
.border{ border-color:#7932FC }
```

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



Here you see how a box with a 4 pixel #7932FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7932FC; -webkit-box-shadow:4px 4px  
4px 4px #7932FC; box-shadow:4px 4px 4px  
4px #7932FC }
```

# Background

The CSS property to change the background color of an element to Hex 7932FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7932FC }
```

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

```
.background{ background-color:#7932FC }
```

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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