

# Converting Colors

Hex(7133F5)

Have a look what the booklet for  
Hex(7133F5) contains.

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**Color**

**Hex(7133F5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7133F5
RGB	113, 51, 245
RGB Percent	44%, 20%, 96%
CMY	0.5569, 0.8000, 0.0392
CMYK	0.54, 0.79, 0.00, 0.04
HSL	259°, 91%, 58%
HSV	259°, 79%, 96%
XYZ	24.4753, 12.4709, 87.5033
YIQ	91.6540, -25.3220, 73.4780

# Conversions

## Conversions Part 2

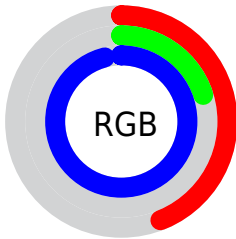
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	113, 51, 245
Decimal	7418869
CIE Lab	41.96, 68.30, -86.02
CIE LCh	42, 109.837, 308.447
Yxy	12.4709, 0.1967, 0.1002
Android (android.graphics.Color)	4285608949 (0xFF7133F5)
YUV	91.6540, 75.5996, 18.7204
Hunter-Lab	35.3142, 61.9136, -122.1918

# Details

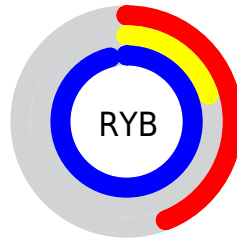
The Hex color **7133F5** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **B7F533**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **B06AFF**, and **2400BB** is the 20% darker color. If you saturate the color by 10%, you get **601AF5**, and if you desaturate by 10%, it is **824CF5**.

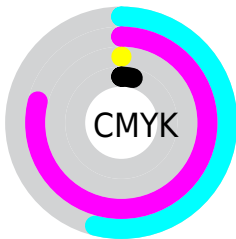
# Distribution



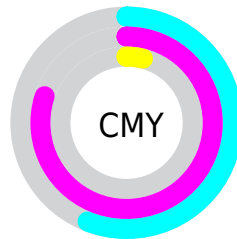
- Red (44%)
- Green (20%)
- Blue (96%)



- Red (44%)
- Yellow (20%)
- Blue (96%)



- Cyan (54%)
- Magenta (79%)
- Yellow (0%)
- Black (4%)




- Cyan (56%)
- Magenta (80%)
- Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 7133F5 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 7133F5 by changing the saturation by 10% instead.



 7133F5

 7133F5

FFFFFF

 4F13D8

 B06AFF

 2400BB

 CF85FF

 00009F

 EEA0FF

 000084

 FFBDFE

 00006A

 FFD9FF

 000A50

 FFF7FF

 000538

 000222

 000008

 7133F5

 7133F5

 601AF5

 824CF5

 5002F5

 9264F5

 4E00F5

 A37DF5

 B495F5

 C4AEF5

 D5C6F5

 E6DFF5

 F6F7F5

 FFFFF5

# Harmonies

## Analogous

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



006BFF



7133F5



D900A8

# Triad

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



7133F5



AC4200



00827C

# Complementary

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



7133F5



B7F533

# 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.



007F13



7133F5



626900

# Square

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



7133F5



DF0000



007900



0083D4

# Rectangle

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



7133F5



F1006C



007900



00815C



# Sweetspot

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



7133F5



D5C2FF



33B8F5



665B80



000000



808080



# Same Dimension

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



7133F5



5A0DFF



D133F5



726E7A



3B00BA



13003B



# Inverse Universe

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



F533B7



FF0DB2



57F533



7A6E76



BA007F

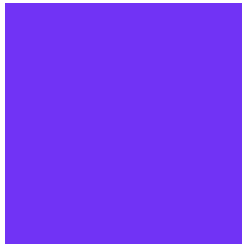


3B0028



# Previews

## White Background



This preview shows how the Hex color 7133F5 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

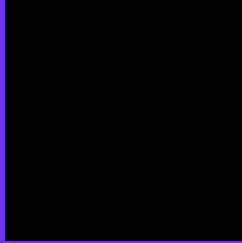
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7133F5 Background



This preview shows how black text looks on a background with the Hex color 7133F5.

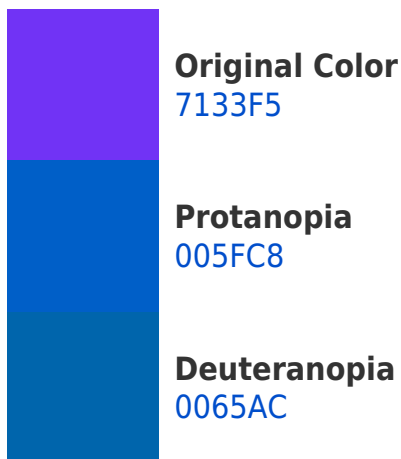



This preview shows how white text looks on a background with the Hex color 7133F5.

# 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](#).

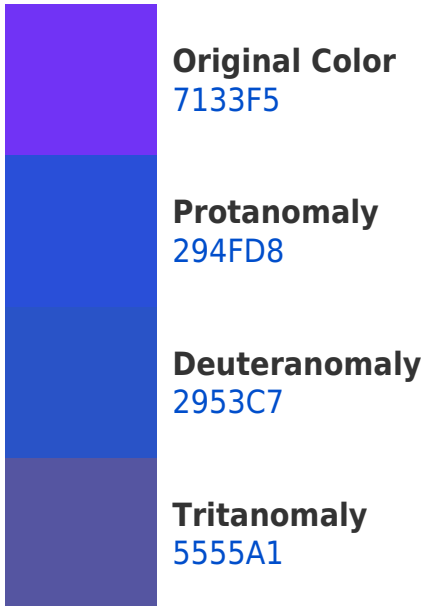
## Dichromacy





**Tritanopia**  
456871

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7133F5 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 #7133F5 looks like.

```
.text, #text, p{  
    color:#7133F5  
}
```

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 #7133F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7133F5
}
```

## Border

The CSS property to change the border of an element to Hex 7133F5 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
#7133F5 }
```

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

```
.border{ border-color:#7133F5 }
```

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

Here you see how a box with a 4 pixel #7133F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7133F5; -webkit-box-shadow:4px 4px  
4px 4px #7133F5; box-shadow:4px 4px 4px  
4px #7133F5 }
```

# Background

The CSS property to change the background color of an element to Hex 7133F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7133F5 }
```

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

```
.background{ background-color:#7133F5 }
```

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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