

Converting Colors

Hex(7170FF)

Have a look what the booklet for
Hex(7170FF) contains.

Hex(7170FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7170FF)

Conversions

Conversions Part 1

Format	Color
Hex	7170FF
RGB	113, 112, 255
RGB Percent	44%, 44%, 100%
CMY	0.5569, 0.5608, 0.0000
CMYK	0.56, 0.56, 0.00, 0.00
HSL	240°, 100%, 72%
HSV	240°, 56%, 100%
XYZ	30.6542, 22.3191, 97.3001
YIQ	128.6010, -45.3070, 44.6850

Conversions

Conversions Part 2

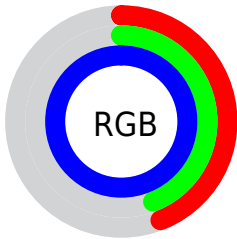
Format	Color
RYB	113, 112, 255
Decimal	7434495
CIELab	54.36, 39.60, -71.32
CIElCh	54, 81.578, 299.038
Yxy	22.3191, 0.2040, 0.1485
Android (<code>android.graphics.Color</code>)	4285624575 (<code>0xFF7170FF</code>)
YUV	128.6010, 62.3147, -13.6821
Hunter-Lab	47.2430, 33.1466, -89.0414

Details

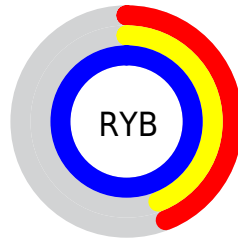
The Hex color **7170FF** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **FEFF70**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **AEA4FF**, and **2940C5** is the 20% darker color. If you saturate the color by 10%, you get **5857FF**, and if you desaturate by 10%, it is **8A8AFF**.

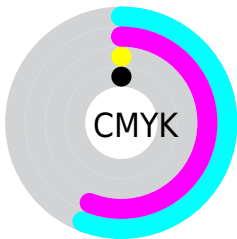
Distribution



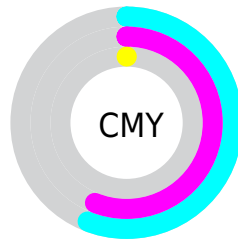
- Red (44%)
- Green (44%)
- Blue (100%)



- Red (44%)
- Yellow (44%)
- Blue (100%)



- Cyan (56%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7170FF 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 7170FF by changing the saturation by 10% instead.

 7170FF

 7170FF

FFFFFF

 5057E2

 AEA4FF

 2940C5

 CDBFFF

 002AA9

 EBDBFF

 00168E

 FFF8FF

 000274

 00015A

 000741

 00032A

 000115

■ 7170FF

■ 7170FF

■ 5857FF

■ 8A8AFF

■ 3E3DFF

■ A4A3FF

■ 2523FF

■ BDBDFF

■ 0C0AFF

■ D6D6FF

■ 0200FF

■ F0F0FF

FFFFFF

Harmonies

Analogous

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



008CFF



7170FF



D245CC

Triad

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



7170FF



D46000



009F7E

Complementary

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



7170FF



FEFF70

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.



009B32



7170FF



A07F00

Square

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



7170FF



F53442



599100



00A0C5

Rectangle

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



7170FF



F0249F



599100



009E65

Sweetspot

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



7170FF



D4D4FF



70FFFF



666680



000000



808080

Same Dimension

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



7170FF



5554FF



B870FF



737380



0100BF



000040

Inverse Universe

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



FF70FE



FF54FE



B8FF70



80737F



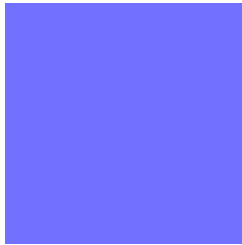
BF00BE



40003F

Previews

White Background



This preview shows how the Hex color 7170FF looks on a white background.

Color Contrast Check

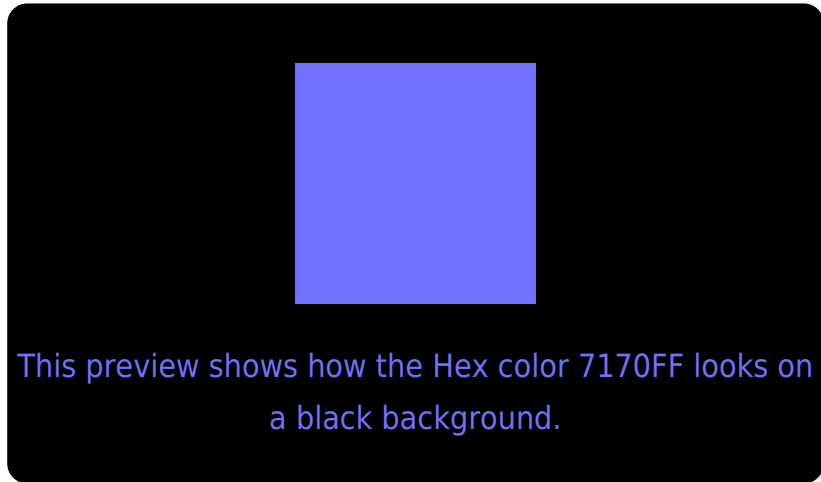
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

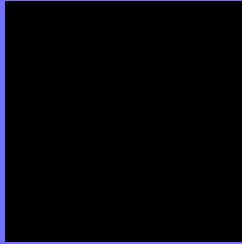
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 7170FF Background



This preview shows how black text looks on a background with the Hex color 7170FF.

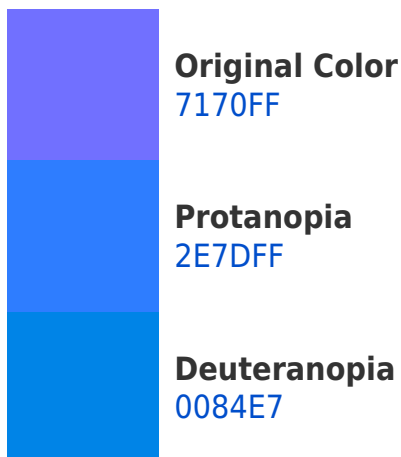


This preview shows how white text looks on a background with the Hex color 7170FF.

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](#).

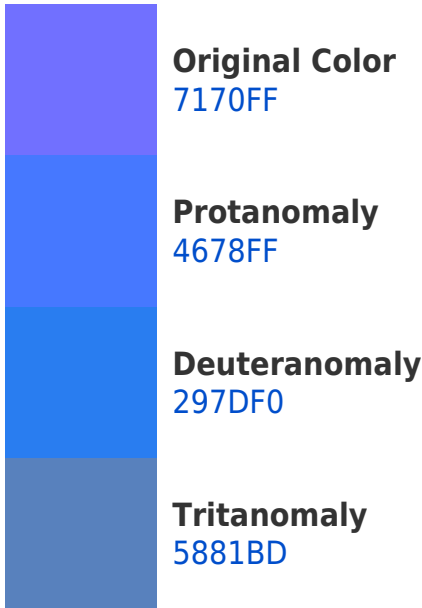
Dichromacy



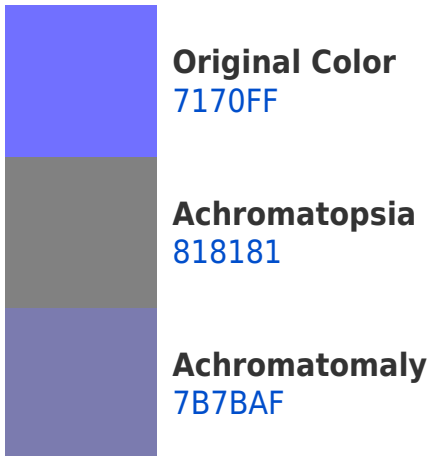


Tritanopia
4A8B97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7170FF 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 #7170FF looks like.

```
.text, #text, p{  
    color:#7170FF  
}
```

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 #7170FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7170FF  
}
```

Border

The CSS property to change the border of an element to Hex 7170FF 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  
#7170FF }
```

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

```
.border{ border-color:#7170FF }
```

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

Here you see how a box with a 4 pixel #7170FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7170FF; -webkit-box-shadow:4px 4px  
4px 4px #7170FF; box-shadow:4px 4px 4px  
4px #7170FF }
```

Background

The CSS property to change the background color of an element to Hex 7170FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7170FF }
```

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

```
.background{ background-color:#7170FF }
```

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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