

Converting Colors

Hex(6737F0)

Have a look what the booklet for
Hex(6737F0) contains.

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Color

Hex(6737F0)

Conversions

Conversions Part 1

Format	Color
Hex	6737F0
RGB	103, 55, 240
RGB Percent	40%, 22%, 94%
CMY	0.5961, 0.7843, 0.0588
CMYK	0.57, 0.77, 0.00, 0.06
HSL	256°, 86%, 58%
HSV	256°, 77%, 94%
XYZ	22.6879, 11.9072, 83.5406
YIQ	90.4420, -30.7770, 67.7110

Conversions

Conversions Part 2

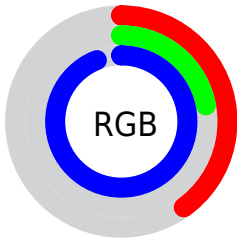
Format	Color
R_{YB}	103, 55, 240
Decimal	6764528
CIE _{Lab}	41.07, 64.18, -84.70
CIE _{LCh}	41, 106.269, 307.151
Yxy	11.9072, 0.1920, 0.1008
Android (android.graphics.Color)	4284954608 (0xFF6737F0)
YUV	90.4420, 73.7321, 11.0134
Hunter-Lab	34.5068, 56.9750, -119.3856

Details

The Hex color **6737F0** 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 **C0F037**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **A76CFF**, and **0D00B6** is the 20% darker color. If you saturate the color by 10%, you get **551FF0**, and if you desaturate by 10%, it is **794FF0**.

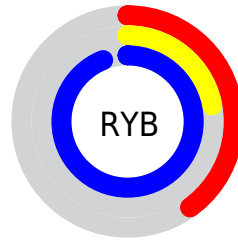
Distribution



Red (40%)

Green (22%)

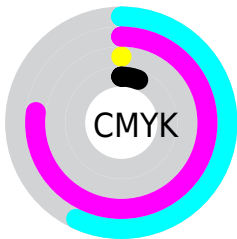
Blue (94%)



Red (40%)

Yellow (22%)

Blue (94%)

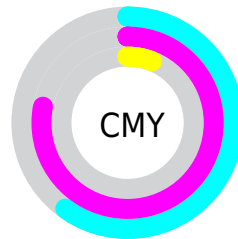


Cyan (57%)

Magenta (77%)

Yellow (0%)

Black (6%)



Cyan (60%)

Magenta (78%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6737F0 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 6737F0 by changing the saturation by 10% instead.

 6737F0

 6737F0

FFFFFF

 441BD3

 A76CFF

 0D00B6

 C687FF

 00009B

 E5A2FF

 000080

 FFBEFF


 000065

 FFDBFF

 00094C

 FFF8FF

 000534

 00021E

 000001

 6737F0

 6737F0

 551FF0

 794FF0

 4307F0

 8B67F0

 3E00F0

 9C7FF0

 AE97F0

 C0AFF0

 D2C7F0

 E3DFF0

 F5F7F0

 FFFFF0

Harmonies

Analogous

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



006AFF



6737F0



D100A7

Triad

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



6737F0



AA3E00



007F75

Complementary

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



6737F0



C0F037

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.



007C0D



6737F0



646500

Square

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



6737F0



DB0000



007500



0080CB

Rectangle

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



6737F0



E9006E



007500



007E56

Sweetspot

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



6737F0



D4C4FF



37C2F0



655C80



000000



808080

Same Dimension

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



6737F0



4F12FF



C237F0



6F6C78



3000B8



0F0038

Inverse Universe

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



F037C0



FF12C1



65F037



786C75



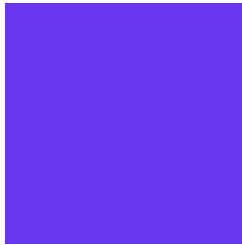
B80088



38002A

Previews

White Background



This preview shows how the Hex color 6737F0 looks on a white background.

Color Contrast Check

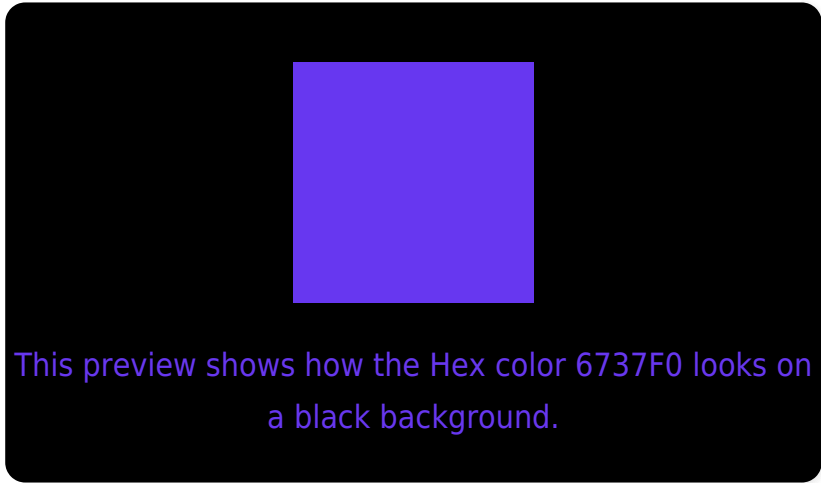
Large Text (above 18pt) WCAG AA ✓ Pass

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

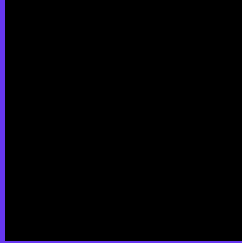
Any Text WCAG AA × Fail

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 6737F0 Background



This preview shows how black text looks on a background with the Hex color 6737F0.

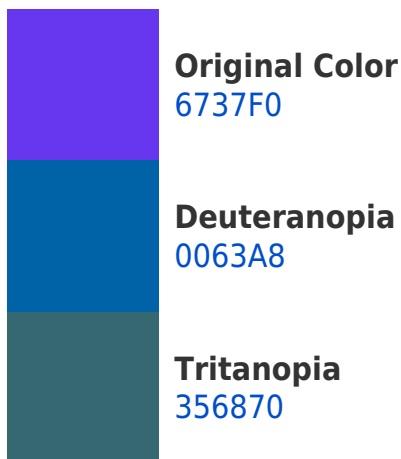


This preview shows how white text looks on a background with the Hex color 6737F0.

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
6737F0



Deuteranomaly
2553C2



Tritanomaly
47569F

Monochromacy



Original Color
6737F0



Achromatopsia
5A5A5A



Achromatomaly
5F4D91

CSS Examples

Text

The CSS property to change the color of the text to Hex 6737F0 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 #6737F0 looks like.

```
.text, #text, p{  
    color:#6737F0  
}
```

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 #6737F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6737F0
}
```

Border

The CSS property to change the border of an element to Hex 6737F0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

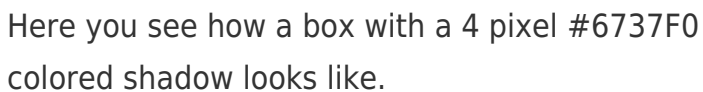
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6737F0 }
```

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

```
.border{ border-color:#6737F0 }
```

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



Here you see how a box with a 4 pixel #6737F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6737F0; -webkit-box-shadow:4px 4px  
4px 4px #6737F0; box-shadow:4px 4px 4px  
4px #6737F0 }
```

Background

The CSS property to change the background color of an element to Hex 6737F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6737F0 }
```

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

```
.background{ background-color:#6737F0 }
```

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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