

# Converting Colors

Hex(7030F2)

Have a look what the booklet for  
Hex(7030F2) contains.

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**Color**

**Hex(7030F2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7030F2
RGB	112, 48, 242
RGB Percent	44%, 19%, 95%
CMY	0.5608, 0.8118, 0.0510
CMYK	0.54, 0.80, 0.00, 0.05
HSL	260°, 88%, 57%
HSV	260°, 80%, 95%
XYZ	23.7661, 11.9695, 85.0621
YIQ	89.2520, -24.1300, 73.9020

# Conversions

## Conversions Part 2

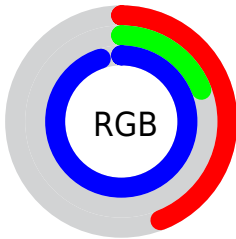
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	112, 48, 242
Decimal	7352562
CIE Lab	41.17, 68.59, -85.63
CIE LCh	41, 109.716, 308.692
Yxy	11.9695, 0.1967, 0.0991
Android (android.graphics.Color)	4285542642 (0xFF7030F2)
YUV	89.2520, 75.3048, 19.9500
Hunter-Lab	34.5969, 62.0745, -121.5563

# Details

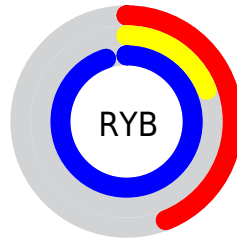
The Hex color **7030F2** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **B2F230**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **AF67FF**, and **2300B8** is the 20% darker color. If you saturate the color by 10%, you get **6018F2**, and if you desaturate by 10%, it is **8048F2**.

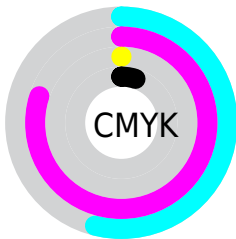
# Distribution



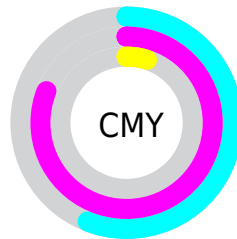
- Red (44%)
- Green (19%)
- Blue (95%)



- Red (44%)
- Yellow (19%)
- Blue (95%)



- Cyan (54%)
- Magenta (80%)
- Yellow (0%)
- Black (5%)



- Cyan (56%)
- Magenta (81%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7030F2 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 7030F2 by changing the saturation by 10% instead.



 7030F2

 7030F2

FFFFFF

 4E0ED5

 AF67FF

 2300B8

 CE82FF

 00009C

 ED9EFF

 000081

 FFBAFF

 000067

 FFD7FF

 000A4E

 FFF4FF

 000536

 000220

 000004

 7030F2

 7030F2

 6018F2

 8048F2

 5000F2

 9060F2

 A179F2

 B191F2

 C1A9F2

 D1C1F2

 E2D9F2

 F2F2F2

 FFFFF2

# Harmonies

## Analogous

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



0069FF



7030F2



D700A5

# Triad

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



7030F2



A84000



007F7A

# Complementary

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



7030F2



B2F230

# 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.



007D12



7030F2



5F6700

# Square

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



7030F2



DC0000



007700



0081D3

# Rectangle

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



7030F2



EE006A



007700



007F5B



# Sweetspot

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



7030F2



D6C2FF



30B5F2



675B80



000000



808080



# Same Dimension

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



7030F2



5B0AFF



CE30F2



706C78



3D00B8



130038



# Inverse Universe

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



F230B2



FF0AAE



54F230



786C74



B8007B

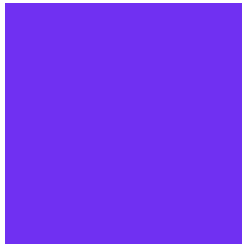


380026



# Previews

## White Background



This preview shows how the Hex color 7030F2 looks on a white background.

## Color Contrast Check

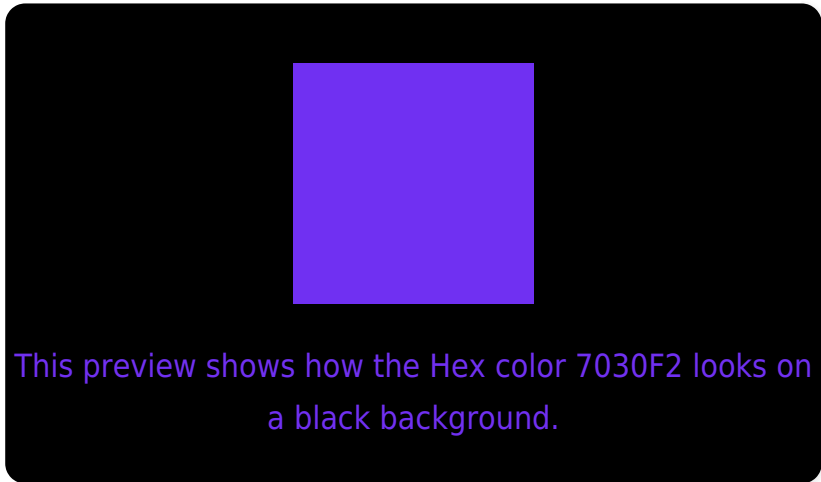
Large Text (above 18pt) WCAG AA ✓ Pass

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 7030F2 Background



This preview shows how black text looks on a background with the Hex color 7030F2.

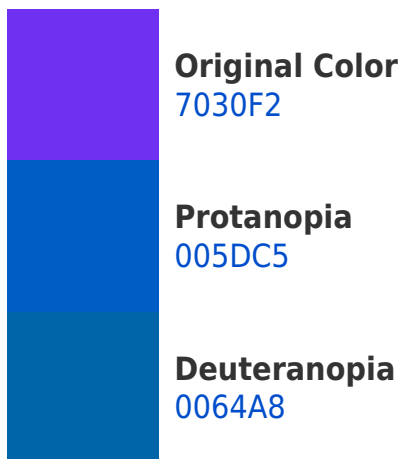



This preview shows how white text looks on a background with the Hex color 7030F2.

# 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**  
45666E

# Trichromacy



**Original Color**  
7030F2



**Protanomaly**  
294DD5



**Deuteranomaly**  
2951C3



**Tritanomaly**  
55529E

# Monochromacy



**Original Color**  
7030F2



**Achromatopsia**  
595959



**Achromatomaly**  
614A91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7030F2 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 #7030F2 looks like.

```
.text, #text, p{  
    color:#7030F2  
}
```

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 #7030F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7030F2
}
```

## Border

The CSS property to change the border of an element to Hex 7030F2 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".

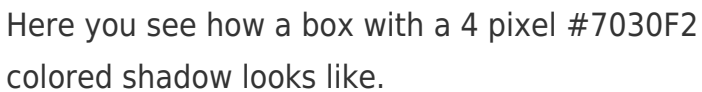
```
.border, #border, table{ border:4px solid
#7030F2 }
```

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

```
.border{ border-color:#7030F2 }
```

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

Here you see how a box with a 4 pixel #7030F2 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #7030F2 color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7030F2; -webkit-box-shadow:4px 4px  
4px 4px #7030F2; box-shadow:4px 4px 4px  
4px #7030F2 }
```

# Background

The CSS property to change the background color of an element to Hex 7030F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7030F2 }
```

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

```
.background{ background-color:#7030F2 }
```

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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