

Converting Colors

Hex(2270F0)

Have a look what the booklet for
Hex(2270F0) contains.

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Color

Hex(2270F0)

Conversions

Conversions Part 1

Format	Color
Hex	2270F0
RGB	34, 112, 240
RGB Percent	13%, 44%, 94%
CMY	0.8667, 0.5608, 0.0588
CMYK	0.86, 0.53, 0.00, 0.06
HSL	217°, 87%, 54%
HSV	217°, 86%, 94%
XYZ	22.1820, 18.2197, 84.7857
YIQ	103.2700, -87.5760, 23.2720

Conversions

Conversions Part 2

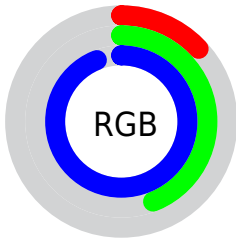
Format	Color
R_{YB}	34, 91, 240
Decimal	2257136
CIE _{Lab}	49.76, 24.38, -70.62
CIE _{LCh}	50, 74.710, 289.050
Yxy	18.2197, 0.1772, 0.1455
Android (android.graphics.Color)	4280447216 (0xFF2270F0)
YUV	103.2700, 67.4079, -60.7498
Hunter-Lab	42.6845, 18.0638, -87.8905

Details

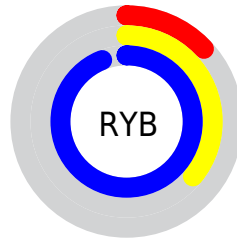
The Hex color **2270F0** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **F0A222**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **75A3FF**, and **0042B7** is the 20% darker color. If you saturate the color by 10%, you get **0A61F0**, and if you desaturate by 10%, it is **3A7FF0**.

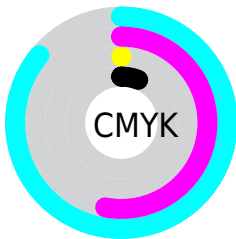
Distribution



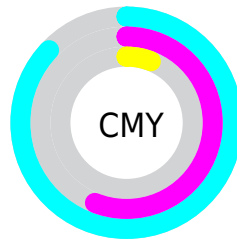
- Red (13%)
- Green (44%)
- Blue (94%)



- Red (13%)
- Yellow (36%)
- Blue (94%)



- Cyan (86%)
- Magenta (53%)
- Yellow (0%)
- Black (6%)



- Cyan (87%)
- Magenta (56%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2270F0 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 2270F0 by changing the saturation by 10% instead.

 2270F0

 2270F0

FFFFFF

 0058D3

 75A3FF

 0042B7

 96BEFF

 002D9B

 B6D9FF

 001B81

 D5F6FF

 000067

 F4FFFF

 000A4D

 000536

 00021F

 000003

■ 2270F0

■ 2270F0

■ 0A61F0

■ 3A7FF0

■ 005BF0

■ 528EF0

■ 6A9DF0

■ 82ACF0

■ 9ABBF0

■ B2C9F0

■ CAD8F0

■ E2E7F0

■ FAF6F0

Harmonies

Analogous

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



0085F4



2270F0



A94ECB

Triad

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



2270F0



CD4C0F



00905C

Complementary

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



2270F0



F0A222

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.



008B12



2270F0



A36B00

Square

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



2270F0



E32551



6A8000



00929E

Rectangle

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



2270F0



CE33A5



6A8000



008F46

Sweetspot

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



2270F0



BDD6FF



22F0A1



586780



000000



808080

Same Dimension

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



2270F0



0061FF



3A22F0



6C7078



0046B8



001538

Inverse Universe

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



F02270



FF0061



D8F022



786C70



B80046



380015

Previews

White Background



This preview shows how the Hex color 2270F0 looks on a white background.

Color Contrast Check

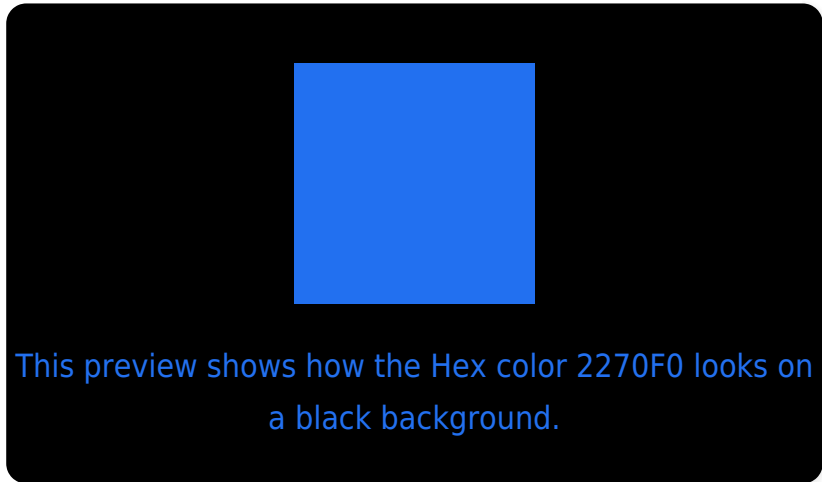
Large Text (above 18pt) WCAG AA ✓ Pass

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

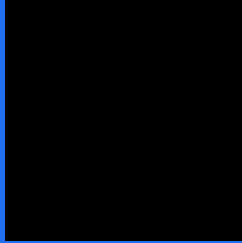
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

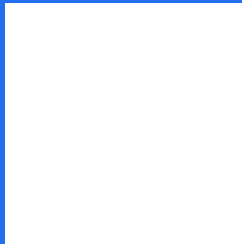
Any Text WCAG AAA × Fail

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

Hex 2270F0 Background



This preview shows how black text looks on a background with the Hex color 2270F0.



This preview shows how white text looks on a background with the Hex color 2270F0.

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](#).

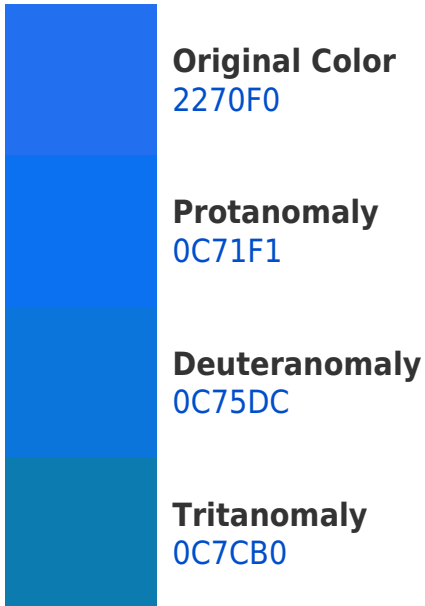
Dichromacy





Tritanopia
00838B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2270F0 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 #2270F0 looks like.

```
.text, #text, p{  
    color:#2270F0  
}
```

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 #2270F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2270F0
}
```

Border

The CSS property to change the border of an element to Hex 2270F0 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
#2270F0 }
```

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

```
.border{ border-color:#2270F0 }
```

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

Here you see how a box with a 4 pixel #2270F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2270F0; -webkit-box-shadow:4px 4px  
4px 4px #2270F0; box-shadow:4px 4px 4px  
4px #2270F0 }
```

Background

The CSS property to change the background color of an element to Hex 2270F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2270F0 }
```

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

```
.background{ background-color:#2270F0 }
```

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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