

Converting Colors

Hex(2A70FF)

Have a look what the booklet for
Hex(2A70FF) contains.

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Color

Hex(2A70FF)

Conversions

Conversions Part 1

Format	Color
Hex	2A70FF
RGB	42, 112, 255
RGB Percent	16%, 44%, 100%
CMY	0.8353, 0.5608, 0.0000
CMYK	0.84, 0.56, 0.00, 0.00
HSL	220°, 100%, 58%
HSV	220°, 84%, 100%
XYZ	24.7990, 19.3006, 97.0261
YIQ	107.3720, -87.6230, 29.6330

Conversions

Conversions Part 2

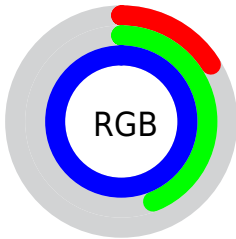
Format	Color
RYB	42, 95, 255
Decimal	2781439
CIELab	51.04, 30.55, -76.88
CIELCh	51, 82.724, 291.669
Yxy	19.3006, 0.1757, 0.1368
Android (android.graphics.Color)	4280971519 (0xFF2A70FF)
YUV	107.3720, 72.7806, -57.3312
Hunter-Lab	43.9324, 23.8781, -100.1910

Details

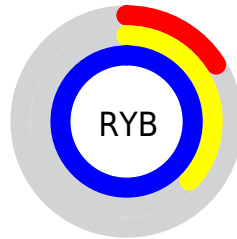
The Hex color **2A70FF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **FFB92A**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **7CA3FF**, and **0042C5** is the 20% darker color. If you saturate the color by 10%, you get **105FFF**, and if you desaturate by 10%, it is **4381FF**.

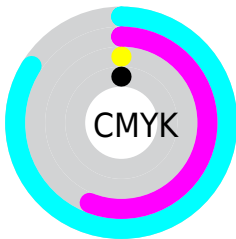
Distribution



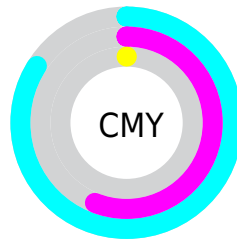
- Red (16%)
- Green (44%)
- Blue (100%)



- Red (16%)
- Yellow (37%)
- Blue (100%)



- Cyan (84%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (84%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A70FF 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 2A70FF by changing the saturation by 10% instead.

 2A70FF

 2A70FF

FFFFFF

 0058E2

 7CA3FF

 0042C5

 9EBEFF

 002DA9

 BEDAFF

 001B8E

 DDF6FF


 000273

 FDFFFF

 000D5A

 000741

 00032A

 000114

■ 2A70FF

■ 2A70FF

■ 105FFF

■ 4381FF

■ 0054FF

■ 5D92FF

■ 77A3FF

■ 90B4FF

■ AAC6FF

■ C3D7FF

■ DDE8FF

■ F6F9FF

FFFFFF

Harmonies

Analogous

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



0089FF



2A70FF



B846D3

Triad

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



2A70FF



D54C00



009663

Complementary

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



2A70FF



FFB92A

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.



00900C



2A70FF



A47000

Square

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



2A70FF



F00F4B



638500



0097AC

Rectangle

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



2A70FF



DE1DA8



638500



00944A

Sweetspot

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



2A70FF



BFD4FF



2AFFB8



596680



000000



808080

Same Dimension

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



2A70FF



0054FF



4D2AFF



737780



003FBF



001540

Inverse Universe

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



FF2A70



FF0054



DBFF2A



807377



BF003F



400015

Previews

White Background



This preview shows how the Hex color 2A70FF 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



This preview shows how the Hex color 2A70FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

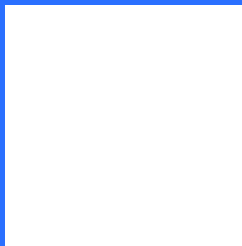
Any Text WCAG AAA × Fail

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

Hex 2A70FF Background



This preview shows how black text looks on a background with the Hex color 2A70FF.



This preview shows how white text looks on a background with the Hex color 2A70FF.

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



Original Color
2A70FF

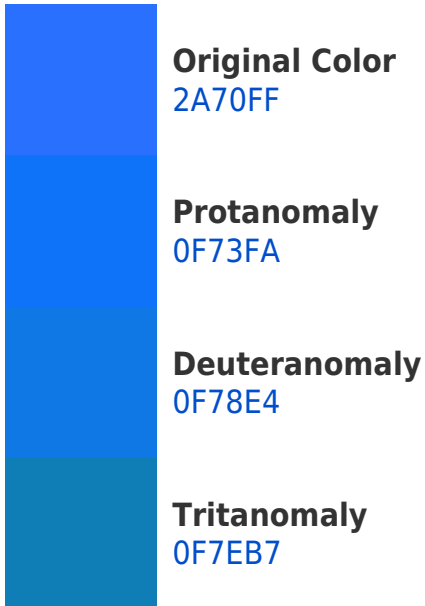
Protanopia
0074F7

Deuteranopia
007CD4



Tritanopia
00868E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A70FF 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 #2A70FF looks like.

```
.text, #text, p{  
    color:#2A70FF  
}
```

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 #2A70FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A70FF
}
```

Border

The CSS property to change the border of an element to Hex 2A70FF 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
#2A70FF }
```

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

```
.border{ border-color:#2A70FF }
```

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

Here you see how a box with a 4 pixel #2A70FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A70FF; -webkit-box-shadow:4px 4px  
4px 4px #2A70FF; box-shadow:4px 4px 4px  
4px #2A70FF }
```

Background

The CSS property to change the background color of an element to Hex 2A70FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A70FF }
```

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

```
.background{ background-color:#2A70FF }
```

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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