

Converting Colors

Hex(2A42FF)

Have a look what the booklet for
Hex(2A42FF) contains.

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Color

Hex(2A42FF)

Conversions

Conversions Part 1

Format	Color
Hex	2A42FF
RGB	42, 66, 255
RGB Percent	16%, 26%, 100%
CMY	0.8353, 0.7412, 0.0000
CMYK	0.84, 0.74, 0.00, 0.00
HSL	233°, 100%, 58%
HSV	233°, 84%, 100%
XYZ	20.9531, 11.6087, 95.7441
YIQ	80.3700, -74.9730, 53.6910

Conversions

Conversions Part 2

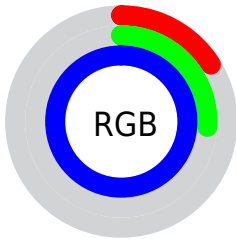
Format	Color
R _Y B	42, 64, 255
Decimal	2769663
CIE Lab	40.59, 58.14, -94.04
CIE LCh	41, 110.562, 301.723
Yxy	11.6087, 0.1633, 0.0905
Android (android.graphics.Color)	4280959743 (0xFF2A42FF)
YUV	80.3700, 86.0926, -33.6505
Hunter-Lab	34.0715, 50.1476, -142.7604

Details

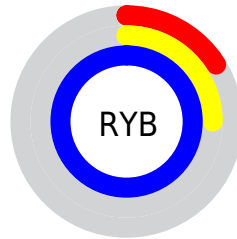
The Hex color **2A42FF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FFE72A**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **8074FF**, and **0013C5** is the 20% darker color. If you saturate the color by 10%, you get **102BFF**, and if you desaturate by 10%, it is **4359FF**.

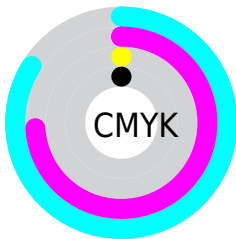
Distribution



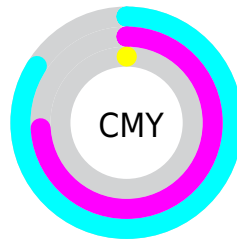
- Red (16%)
- Green (26%)
- Blue (100%)



- Red (16%)
- Yellow (25%)
- Blue (100%)



- Cyan (84%)
- Magenta (74%)
- Yellow (0%)
- Black (0%)



- Cyan (84%)
- Magenta (74%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A42FF 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 2A42FF by changing the saturation by 10% instead.

 2A42FF

 2A42FF

FFFFFF

 002AE2

 8074FF

 0013C5

 A28EFF

 0000A8

 C3A9FF

 00008D

 E3C4FF

 000872

 FFE1FF

 000D58

FFFEFF

 000740

 000329

 000113

■ 2A42FF

■ 2A42FF

■ 102BFF

■ 4359FF

■ 001DFF

■ 5D6FFF

■ 7786FF

■ 909DFF

■ AAB3FF

■ C3CAFF

■ DDE0FF

■ F6F7FF

FFFFFF

Harmonies

Analogous

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



006EFF



2A42FF



C700B8

Triad

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



2A42FF



B52D00



007D63

Complementary

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



2A42FF



FFE72A

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.



007A00



2A42FF



715F00

Square

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



2A42FF



E30005



007300



0080BF

Rectangle

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



2A42FF



E8007D



007300



007C43

Sweetspot

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



2A42FF



BFC6FF



2AFFE6



595E80



000000



808080

Same Dimension

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



2A42FF



001DFF



7C2AFF



737480



0016BF



000740

Inverse Universe

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



FF2A42



FF001D



AFFF2A



807374



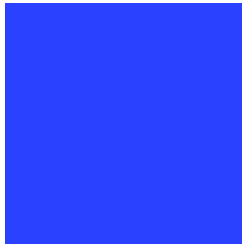
BF0016



400007

Previews

White Background



This preview shows how the Hex color 2A42FF looks on a white background.

Color Contrast Check

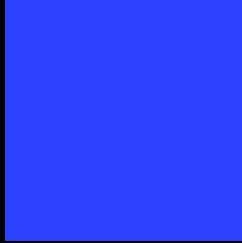
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2A42FF looks on a 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 2A42FF Background



This preview shows how black text looks on a background with the Hex color 2A42FF.

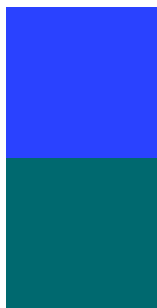


This preview shows how white text looks on a background with the Hex color 2A42FF.

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
2A42FF

Tritanopia
00696F

Trichromacy



Original Color
2A42FF



Tritanomaly
0F5BA3

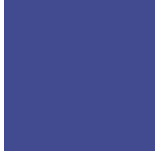
Monochromacy



Original Color
2A42FF



Achromatopsia
505050



Achromatomaly
424B90

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A42FF 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 #2A42FF looks like.

```
.text, #text, p{  
    color:#2A42FF  
}
```

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 #2A42FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A42FF
}
```

Border

The CSS property to change the border of an element to Hex 2A42FF 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
#2A42FF }
```

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

```
.border{ border-color:#2A42FF }
```

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

Here you see how a box with a 4 pixel #2A42FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A42FF; -webkit-box-shadow:4px 4px  
4px 4px #2A42FF; box-shadow:4px 4px 4px  
4px #2A42FF }
```

Background

The CSS property to change the background color of an element to Hex 2A42FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A42FF }
```

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

```
.background{ background-color:#2A42FF }
```

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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