

Converting Colors

Hex(2A01F7)

Have a look what the booklet for
Hex(2A01F7) contains.

Hex(2A01F7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2A01F7)

Conversions

Conversions Part 1

Format	Color
Hex	2A01F7
RGB	42, 1, 247
RGB Percent	16%, 0%, 97%
CMY	0.8353, 0.9961, 0.0314
CMYK	0.83, 1.00, 0.00, 0.03
HSL	250°, 99%, 49%
HSV	250°, 100%, 97%
XYZ	17.7542, 7.2293, 88.4553
YIQ	41.3030, -54.5300, 85.1980

Conversions

Conversions Part 2

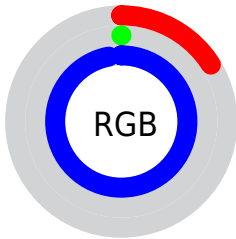
Format	Color
R _{YB}	42, 1, 247
Decimal	2753015
CIE Lab	32.32, 77.53, -103.30
CIE LCh	32, 129.158, 306.889
Yxy	7.2293, 0.1565, 0.0637
Android (android.graphics.Color)	4280943095 (0xFF2A01F7)
YUV	41.3030, 101.4086, 0.6113
Hunter-Lab	26.8874, 70.8133, -176.2333

Details

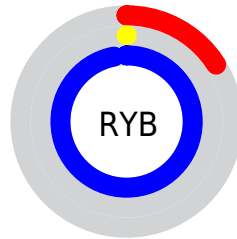
The Hex color **2A01F7** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **CEF701**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **8148FF**, and **0000BD** is the 20% darker color. If you saturate the color by 10%, you get **2900F7**, and if you desaturate by 10%, it is **3F1AF7**.

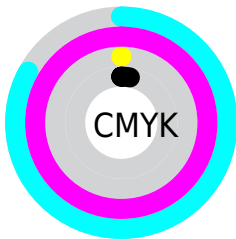
Distribution



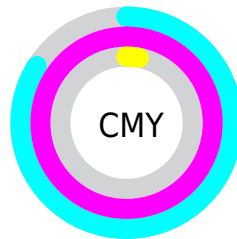
- Red (16%)
- Green (0%)
- Blue (97%)



- Red (16%)
- Yellow (0%)
- Blue (97%)



- Cyan (83%)
- Magenta (100%)
- Yellow (0%)
- Black (3%)



- Cyan (84%)
- Magenta (100%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A01F7 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 2A01F7 by changing the saturation by 10% instead.

 2A01F7

 2A01F7

FFFFFF

 0000DA

 8148FF

 0000BD

 A464FF

 0000A1

 C57FFF

 000085

 E69BFF

 00116B

 FFB7FF

 000B51

 FFD4FF

 000539

 FFF2FF

 000223

 000009

■ 2A01F7

■ 2A01F7

■ 2900F7

■ 3F1AF7

■ 5332F7

■ 684BF7

■ 7C64F7

■ 917DF7

■ A695F7

■ BAAEF7

■ CFC7F7

■ E3DFF7

Harmonies

Analogous

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



005CFF



2A01F7



CA009F

Triad

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



2A01F7



991500



006863

Complementary

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



2A01F7



CEF701

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.



006500



2A01F7



485100

Square

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



2A01F7



D10000



006100



006CC9

Rectangle

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



2A01F7



E5005C



006100



00673F

Sweetspot

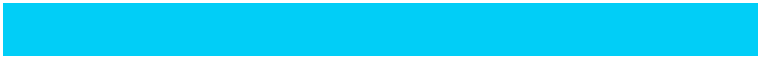
The Sweet Spot groups the original color and five complimentary colors.



2A01F7



BFB3FF



01CEF7



595280



000000



808080

Same Dimension

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



2A01F7



2B00FF



A501F7



706E7A



1F00BA



0A003B

Inverse Universe

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



F701CE



FF00D5



53F701



7A6E78



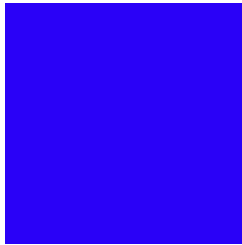
BA009B



3B0031

Previews

White Background



This preview shows how the Hex color 2A01F7 looks on a white background.

Color Contrast Check

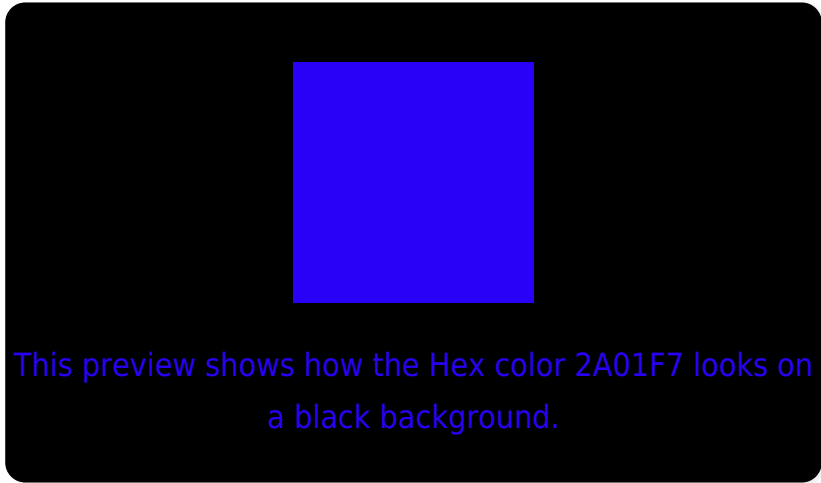
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 2A01F7 Background



This preview shows how black text looks on a background with the Hex color 2A01F7.



This preview shows how white text looks on a background with the Hex color 2A01F7.

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
2A01F7

Protanopia
004A9B

Deuteranopia
004F84

Trichromacy



Original Color
2A01F7

Protanomaly
0F2FBC

Deuteranomaly
0F33AE

Tritanomaly
0F3692

Monochromacy



Original Color
2A01F7

Achromatopsia
292929

Achromatomaly
291A74

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A01F7 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 #2A01F7 looks like.

```
.text, #text, p{  
    color:#2A01F7  
}
```

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 #2A01F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A01F7
}
```

Border

The CSS property to change the border of an element to Hex 2A01F7 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
#2A01F7 }
```

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

```
.border{ border-color:#2A01F7 }
```

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

Here you see how a box with a 4 pixel #2A01F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A01F7; -webkit-box-shadow:4px 4px  
4px 4px #2A01F7; box-shadow:4px 4px 4px  
4px #2A01F7 }
```

Background

The CSS property to change the background color of an element to Hex 2A01F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A01F7 }
```

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

```
.background{ background-color:#2A01F7 }
```

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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