

Converting Colors

Hex(2A12F2)

Have a look what the booklet for
Hex(2A12F2) contains.

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Color

Hex(2A12F2)

Conversions

Conversions Part 1

Format	Color
Hex	2A12F2
RGB	42, 18, 242
RGB Percent	16%, 7%, 95%
CMY	0.8353, 0.9294, 0.0510
CMYK	0.83, 0.93, 0.00, 0.05
HSL	246°, 90%, 51%
HSV	246°, 93%, 95%
XYZ	17.1982, 7.3357, 84.5139
YIQ	50.7120, -57.6000, 74.7520

Conversions

Conversions Part 2

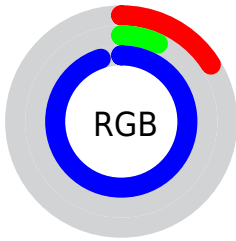
Format	Color
R _Y B	42, 18, 242
Decimal	2757362
CIE Lab	32.56, 73.50, -100.08
CIE LCh	33, 124.169, 306.293
Yxy	7.3357, 0.1577, 0.0673
Android (android.graphics.Color)	4280947442 (0xFF2A12F2)
YUV	50.7120, 94.3050, -7.6404
Hunter-Lab	27.0844, 65.9468, -166.0487

Details

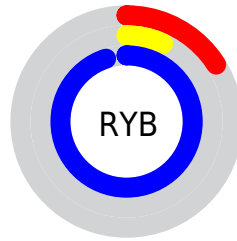
The Hex color **2A12F2** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **DAF212**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **804EFF**, and **0000B8** is the 20% darker color. If you saturate the color by 10%, you get **1A00F2**, and if you desaturate by 10%, it is **402AF2**.

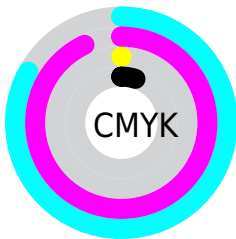
Distribution



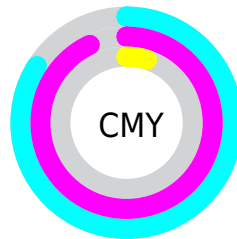
- Red (16%)
- Green (7%)
- Blue (95%)



- Red (16%)
- Yellow (7%)
- Blue (95%)



- Cyan (83%)
- Magenta (93%)
- Yellow (0%)
- Black (5%)



- Cyan (84%)
- Magenta (93%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A12F2 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 2A12F2 by changing the saturation by 10% instead.

 2A12F2

 2A12F2

FFFFFF

 0000D5

 804EFF

 0000B8

 A269FF

 00009C

 C384FF

 000081

 E3A0FF

 001066

 FFBCFF

 000A4D

 FFD9FF

 000535

 FFF6FF

 00021F

 000003

■ 2A12F2

■ 2A12F2

■ 1A00F2

■ 402AF2

■ 5542F2

■ 6B5BF2

■ 8073F2

■ 968BF2

■ ACA3F2

■ C1BBF2

■ D7D4F2

■ ECECF2

Harmonies

Analogous

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



005CFF



2A12F2



C5009E

Triad

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



2A12F2



991800



006860

Complementary

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



2A12F2



DAF212

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



2A12F2



4C5100

Square

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



2A12F2



CE0000



006100



006CC3

Rectangle

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



2A12F2



E0005E



006100



00673E

Sweetspot

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



2A12F2



BFB8FF



12DCF2



595480



000000



808080

Same Dimension

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



2A12F2



1B00FF



9812F2



6D6C78



1400B8



060038

Inverse Universe

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



F212DA



FF00E4



6CF212



786C77



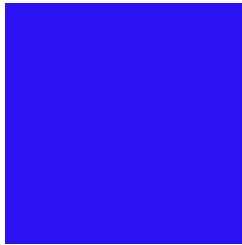
B800A4



380032

Previews

White Background



This preview shows how the Hex color 2A12F2 looks on a white background.

Color Contrast Check

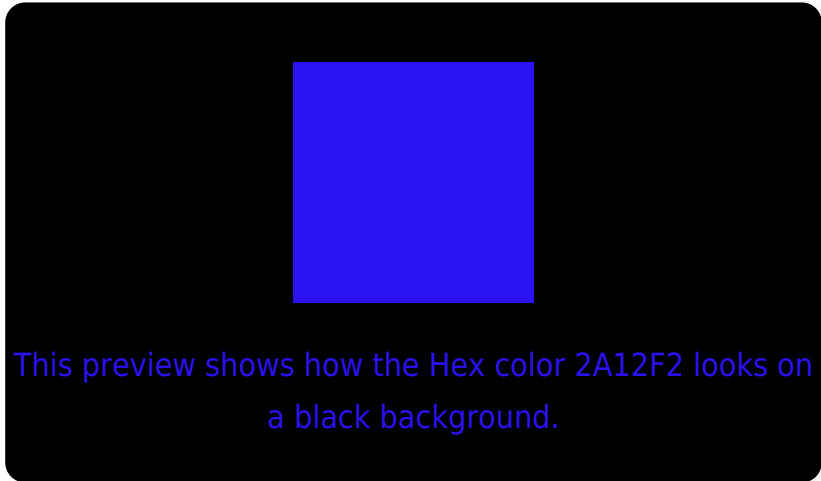
Large Text (above 18pt) WCAG AA ✓ Pass

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

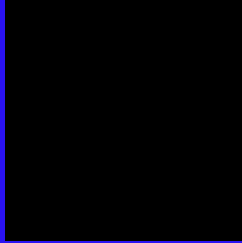
Any Text WCAG AA × Fail

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 2A12F2 Background



This preview shows how black text looks on a background with the Hex color 2A12F2.



This preview shows how white text looks on a background with the Hex color 2A12F2.

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
2A12F2

Protanopia
004A9B

Deuteranopia
004F83

Trichromacy



Original Color
2A12F2

Protanomaly
0F36BB

Deuteranomaly
0F39AB

Tritanomaly
0F3D91

Monochromacy



Original Color
2A12F2

Achromatopsia
333333

Achromatomaly
302778

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A12F2 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 #2A12F2 looks like.

```
.text, #text, p{  
    color:#2A12F2  
}
```

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 #2A12F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A12F2
}
```

Border

The CSS property to change the border of an element to Hex 2A12F2 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
#2A12F2 }
```

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

```
.border{ border-color:#2A12F2 }
```

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

Here you see how a box with a 4 pixel #2A12F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A12F2; -webkit-box-shadow:4px 4px  
4px 4px #2A12F2; box-shadow:4px 4px 4px  
4px #2A12F2 }
```

Background

The CSS property to change the background color of an element to Hex 2A12F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A12F2 }
```

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

```
.background{ background-color:#2A12F2 }
```

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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