

Converting Colors

Hex(2A2AEF)

Have a look what the booklet for
Hex(2A2AEF) contains.

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Color

Hex(2A2AEF)

Conversions

Conversions Part 1

Format	Color
Hex	2A2AEF
RGB	42, 42, 239
RGB Percent	16%, 16%, 94%
CMY	0.8353, 0.8353, 0.0627
CMYK	0.82, 0.82, 0.00, 0.06
HSL	240°, 86%, 55%
HSV	240°, 82%, 94%
XYZ	17.3628, 8.3802, 82.3638
YIQ	64.4580, -63.2370, 61.2670

Conversions

Conversions Part 2

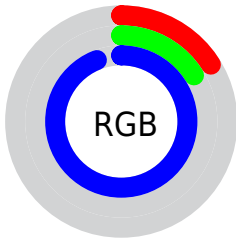
Format	Color
R _Y B	42, 42, 239
Decimal	2763503
CIE Lab	34.76, 64.90, -94.71
CIE LCh	35, 114.812, 304.421
Yxy	8.3802, 0.1606, 0.0775
Android (android.graphics.Color)	4280953583 (0xFF2A2AEF)
YUV	64.4580, 86.0492, -19.6957
Hunter-Lab	28.9485, 56.4012, -148.4268

Details


The Hex color **2A2AEF** 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 **EFEF2A**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **7E5DFF**, and **0000B5** is the 20% darker color. If you saturate the color by 10%, you get **1212EF**, and if you desaturate by 10%, it is **4242EF**.

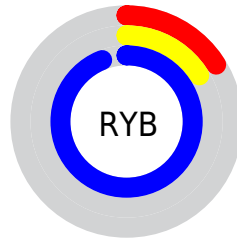
Distribution



 Red (16%)

 Green (16%)

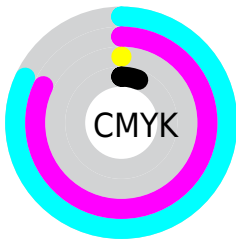
 Blue (94%)




 Red (16%)

 Yellow (16%)

 Blue (94%)

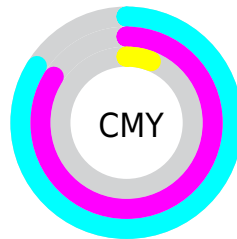


 Cyan (82%)

 Magenta (82%)

 Yellow (0%)

 Black (6%)



 Cyan (84%)

 Magenta (84%)

 Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A2AEF 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 2A2AEF by changing the saturation by 10% instead.

■ 2A2AEF

■ 2A2AEF

FFFFFF

■ 000DD2

■ 7E5DFF

■ 0000B5

■ 9F78FF

■ 000099

■ C092FF

■ 00007E

■ E0AEFF

■ 001064

■ FFCAFF

■ 00094B

■ FFE7FF


■ 000433

■ 00021D

■ 000000

 2A2AEF

 2A2AEF

 1212EF

 4242EF

 0000EF

 5A5AEF

 7272EF

 8A8AEF

 A1A1EF

 B9B9EF

 D1D1EF

 E9E9EF

 FFFFEF

Harmonies

Analogous

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



0060FF



2A2AEF



BF00A3

Triad

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



2A2AEF



9F2000



006D5E

Complementary

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



2A2AEF



EFEF2A

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.



006B00



2A2AEF



595400

Square

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



2A2AEF



D00000



006500



0070BA

Rectangle

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



2A2AEF



DC0067



006500



006C3E

Sweetspot

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



2A2AEF



BFBFFF



2AEFEF



595980



000000



808080

Same Dimension

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



2A2AEF



0303FF



8C2AEF



6C6C78



0000B8



000038

Inverse Universe

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



EF2AEF



FF03FF



8CEF2A



786C78



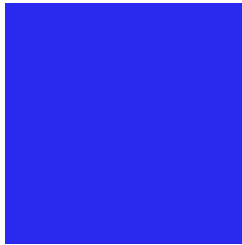
B800B8



380038

Previews

White Background



This preview shows how the Hex color 2A2AEF looks on a white background.

Color Contrast Check

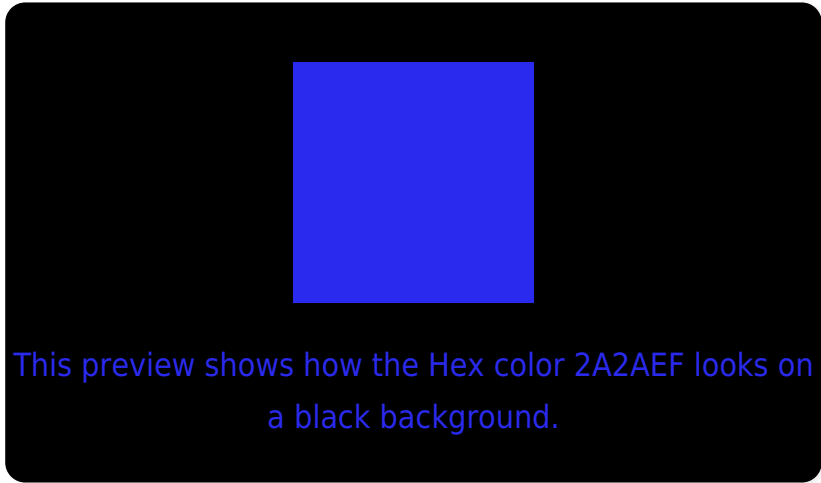
Large Text (above 18pt) WCAG AA ✓ Pass

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

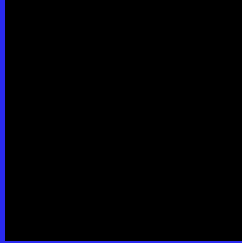
Any Text WCAG AA × Fail

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 2A2AEF Background



This preview shows how black text looks on a background with the Hex color 2A2AEF.

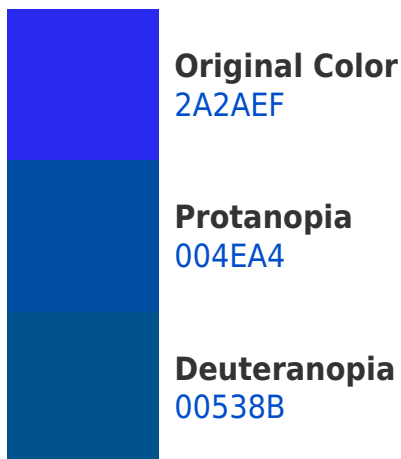


This preview shows how white text looks on a background with the Hex color 2A2AEF.

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



Trichromacy



Original Color
2A2AEF

Protanomaly
0F41BF

Deuteranomaly
0F44AF

Monochromacy



Original Color
2A2AEF

Achromatopsia
404040

Achromatomaly
383880

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2AEF 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 #2A2AEF looks like.

```
.text, #text, p{  
    color:#2A2AEF  
}
```

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 #2A2AEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2AEF
}
```

Border

The CSS property to change the border of an element to Hex 2A2AEF 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
#2A2AEF }
```

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

```
.border{ border-color:#2A2AEF }
```

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

Here you see how a box with a 4 pixel #2A2AEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2AEF; -webkit-box-shadow:4px 4px  
4px 4px #2A2AEF; box-shadow:4px 4px 4px  
4px #2A2AEF }
```

Background

The CSS property to change the background color of an element to Hex 2A2AEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2AEF }
```

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

```
.background{ background-color:#2A2AEF }
```

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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