

Converting Colors

Hex(4A1EFA)

Have a look what the booklet for
Hex(4A1EFA) contains.

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Color

Hex(4A1EFA)

Conversions

Conversions Part 1

Format	Color
Hex	4A1EFA
RGB	74, 30, 250
RGB Percent	29%, 12%, 98%
CMY	0.7098, 0.8824, 0.0196
CMYK	0.70, 0.88, 0.00, 0.02
HSL	252°, 96%, 55%
HSV	252°, 88%, 98%
XYZ	20.5436, 9.2865, 91.1522
YIQ	68.2360, -44.3960, 77.7480

Conversions

Conversions Part 2

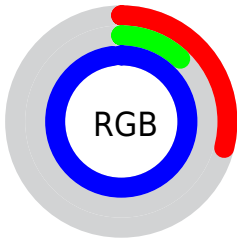
Format	Color
R_{YB}	74, 30, 250
Decimal	4857594
CIE _{Lab}	36.53, 73.64, -97.93
CIE _{LCh}	37, 122.526, 306.944
Yxy	9.2865, 0.1698, 0.0768
Android (android.graphics.Color)	4283047674 (0xFF4A1EFA)
YUV	68.2360, 89.6097, 5.0550
Hunter-Lab	30.4738, 67.0050, -156.0146

Details

The Hex color **4A1EFA** 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 **CEFA1E**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9358FF**, and **0000C0** is the 20% darker color. If you saturate the color by 10%, you get **3605FA**, and if you desaturate by 10%, it is **5E37FA**.

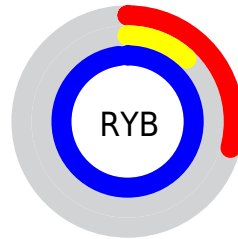
Distribution



Red (29%)

Green (12%)

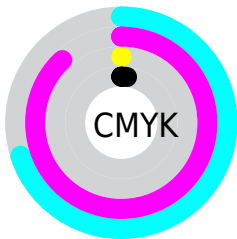
Blue (98%)



Red (29%)

Yellow (12%)

Blue (98%)

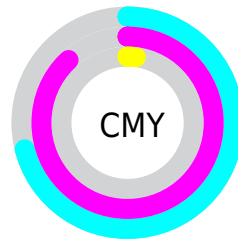


Cyan (70%)

Magenta (88%)

Yellow (0%)

Black (2%)



Cyan (71%)

Magenta (88%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A1EFA 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 4A1EFA by changing the saturation by 10% instead.

 4A1EFA

 4A1EFA

FFFFFF

 0500DD

 9358FF

 0000C0

 B473FF

 0000A3

 D48EFF

 000088

 F5AAFF

 00086D

 FFC7FF

 000B54

 FFE4FF

 00063C

 000225

 00010E

 4A1EFA

 4A1EFA

 3605FA

 5E37FA

 3200FA

 7250FA

 8669FA

 9A82FA

 AE9BFA

 C2B4FA

 D6CDFA

 EAE6FA

 FEFFFA

Harmonies

Analogous

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



0063FF



4A1EFA



D100A6

Triad

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



4A1EFA



A32900



00736C

Complementary

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



4A1EFA



CEFA1E

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.



007100



4A1EFA



555B00

Square

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



4A1EFA



DA0000



006B00



0077CE

Rectangle

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



4A1EFA



EC0065



006B00



007249

Sweetspot

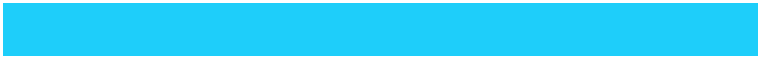
The Sweet Spot groups the original color and five complimentary colors.



4A1EFA



CABDFF



1ECEFA



605880



000000



808080

Same Dimension

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



4A1EFA



3300FF



B81EFA



73707D



2600BD



0C003D

Inverse Universe

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



FA1ECE



FF00CC



60FA1E



7D707A



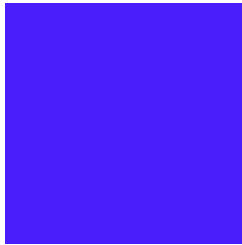
BD0097



3D0031

Previews

White Background



This preview shows how the Hex color 4A1EFA looks on a white background.

Color Contrast Check

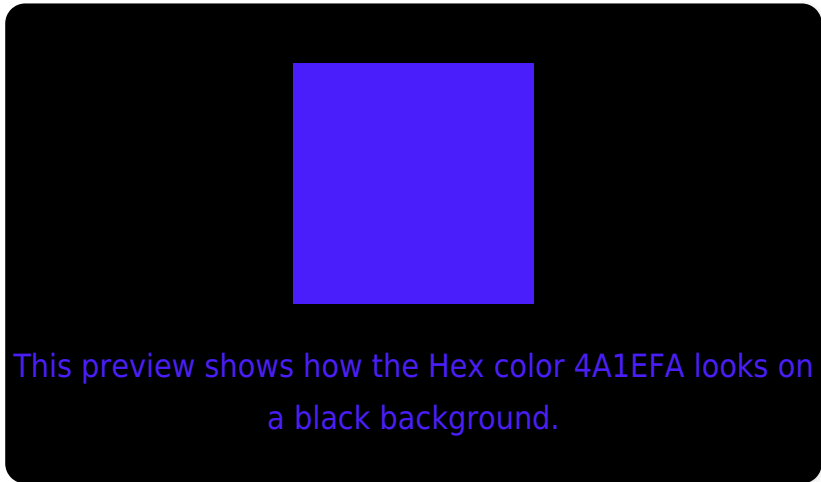
Large Text (above 18pt) WCAG AA ✓ Pass

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

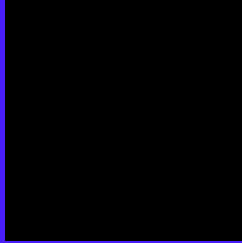
Any Text WCAG AA × Fail

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 4A1EFA Background



This preview shows how black text looks on a background with the Hex color 4A1EFA.



This preview shows how white text looks on a background with the Hex color 4A1EFA.

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
4A1EFA

Protanopia
0052AD

Deuteranopia
005893

Trichromacy



Original Color
4A1EFA

Protanomaly
1B3FC9

Deuteranomaly
1B43B8

Monochromacy



Original Color
4A1EFA

Achromatopsia
444444

Achromatomaly
463686

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A1EFA 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 #4A1EFA looks like.

```
.text, #text, p{  
    color:#4A1EFA  
}
```

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 #4A1EFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A1EFA
}
```

Border

The CSS property to change the border of an element to Hex 4A1EFA 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
#4A1EFA }
```

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

```
.border{ border-color:#4A1EFA }
```

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

Here you see how a box with a 4 pixel #4A1EFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A1EFA; -webkit-box-shadow:4px 4px  
4px 4px #4A1EFA; box-shadow:4px 4px 4px  
4px #4A1EFA }
```

Background

The CSS property to change the background color of an element to Hex 4A1EFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A1EFA }
```

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

```
.background{ background-color:#4A1EFA }
```

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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