

Converting Colors

Hex(120FAE)

Have a look what the booklet for
Hex(120FAE) contains.

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Color

Hex(120FAE)

Conversions

Conversions Part 1

Format	Color
Hex	120FAE
RGB	18, 15, 174
RGB Percent	7%, 6%, 68%
CMY	0.9294, 0.9412, 0.3176
CMYK	0.90, 0.91, 0.00, 0.32
HSL	241°, 84%, 37%
HSV	241°, 91%, 68%
XYZ	8.0603, 3.5262, 40.3002
YIQ	34.0230, -49.2510, 50.0850

Conversions

Conversions Part 2

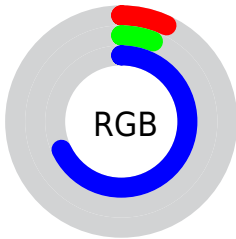
Format	Color
RYB	18, 15, 174
Decimal	1183662
CIELab	22.04, 55.71, -78.01
CIELCh	22, 95.863, 305.531
Yxy	3.5262, 0.1553, 0.0680
Android (android.graphics.Color)	4279373742 (0xFF120FAE)
YUV	34.0230, 69.0087, -14.0522
Hunter-Lab	18.7783, 43.7561, -114.0979

Details

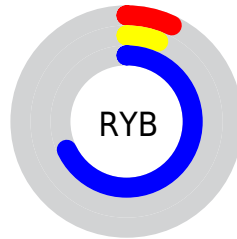
The Hex color **120FAE** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **ABAE0F**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **6543E7**, and **000078** is the 20% darker color. If you saturate the color by 10%, you get **0300AE**, and if you desaturate by 10%, it is **2320AE**.

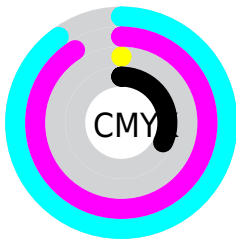
Distribution



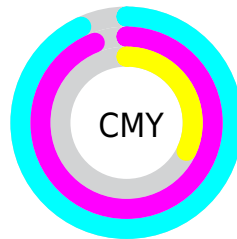
- Red (7%)
- Green (6%)
- Blue (68%)



- Red (7%)
- Yellow (6%)
- Blue (68%)



- Cyan (90%)
- Magenta (91%)
- Yellow (0%)
- Black (32%)



- Cyan (93%)
- Magenta (94%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 120FAE 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 120FAE by changing the saturation by 10% instead.

■ 120FAE

■ 120FAE

FFFFFF

■ 000093

■ 6543E7

■ 000078

■ 845CFF

■ 00005E

■ A376FF

■ 000845

■ C191FF

■ 00042E

■ E0ACFF

■ 000118

■ FFC8FF

■ 000000

■ FFE4FF

■ 120FAE

■ 120FAE

■ 0300AE

■ 2320AE

■ 3432AE

■ 4543AE

■ 5655AE

■ 6766AE

■ 7877AE

■ 8A89AE

■ 9B9AAE

■ ACACAE

Harmonies

Analogous

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



0040CB



120FAE



8B0072

Triad

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



120FAE



6D0D00



004A41

Complementary

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



120FAE



ABAE0F

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.



004800



120FAE



363700

Square

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



120FAE



940000



004300



004C89

Rectangle

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



120FAE



A00043



004300



004928

Sweetspot

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



120FAE



A7A6E3



0FABAE



4F4E73



F2F2F2



737373

Same Dimension

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



120FAE



0400E3



610FAE



4E4E57



030096



000017

Inverse Universe

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



AE0FAB



E300DF



5CAE0F



574E57



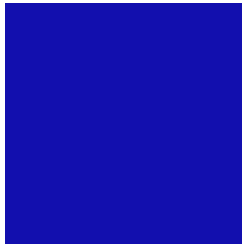
960094



170017

Previews

White Background



This preview shows how the Hex color 120FAE looks on a white background.

Color Contrast Check

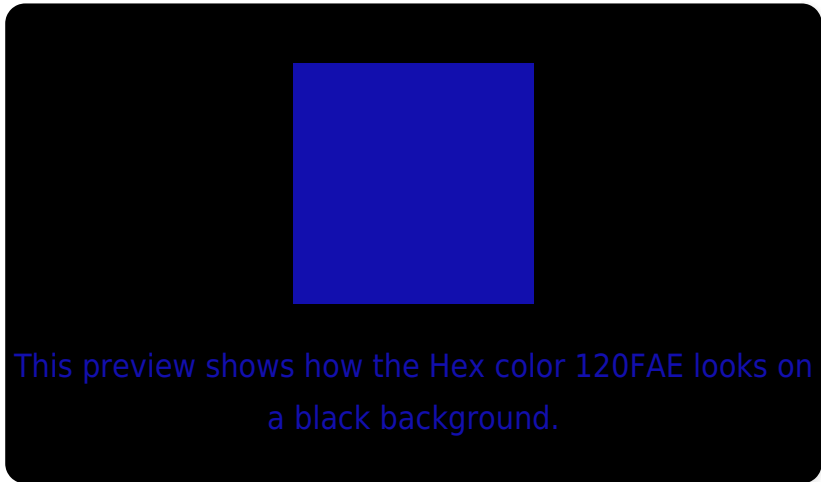
Large Text (above 18pt) WCAG AA ✓ Pass

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

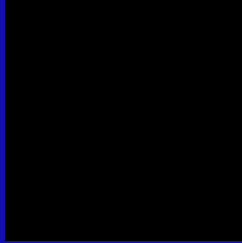
Any Text WCAG AA × Fail

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 120FAE Background



This preview shows how black text looks on a background with the Hex color 120FAE.



This preview shows how white text looks on a background with the Hex color 120FAE.

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
120FAE

Protanopia
00346E

Deuteranopia
00385D



Tritanopia
003C3F

Trichromacy



Original Color
120FAE

Protanomaly
072785

Deuteranomaly
07297A

Tritanomaly
072C67

Monochromacy



Original Color
120FAE

Achromatopsia
222222

Achromatomaly
1C1B55

CSS Examples

Text

The CSS property to change the color of the text to Hex 120FAE 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 #120FAE looks like.

```
.text, #text, p{  
    color:#120FAE  
}
```

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 #120FAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #120FAE } }
```

Border

The CSS property to change the border of an element to Hex 120FAE is called "border". The border property can be set on classes, ids or directly on the HTML element.

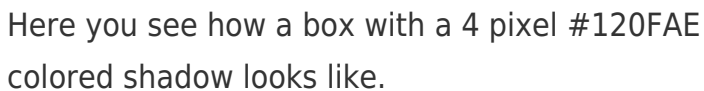
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #120FAE } }
```

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

```
.border{ border-color:#120FAE }
```

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



Here you see how a box with a 4 pixel #120FAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #120FAE; -webkit-box-shadow:4px 4px  
4px 4px #120FAE; box-shadow:4px 4px 4px  
4px #120FAE }
```

Background

The CSS property to change the background color of an element to Hex 120FAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#120FAE }
```

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

```
.background{ background-color:#120FAE }
```

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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