

Converting Colors

Hex(120EAC)

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

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Color

Hex(120EAC)

Conversions

Conversions Part 1

Format	Color
Hex	120EAC
RGB	18, 14, 172
RGB Percent	7%, 5%, 67%
CMY	0.9294, 0.9451, 0.3255
CMYK	0.90, 0.92, 0.00, 0.33
HSL	242°, 85%, 36%
HSV	242°, 92%, 67%
XYZ	7.8529, 3.4212, 39.2762
YIQ	33.2080, -48.3340, 49.9860

Conversions

Conversions Part 2

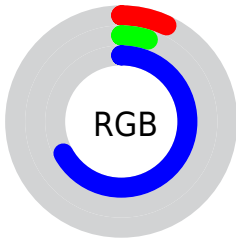
Format	Color
R _Y B	18, 14, 172
Decimal	1183404
CIE Lab	21.66, 55.45, -77.44
CIE LCh	22, 95.251, 305.605
Yxy	3.4212, 0.1553, 0.0677
Android (android.graphics.Color)	4279373484 (0xFF120EAC)
YUV	33.2080, 68.4245, -13.3374
Hunter-Lab	18.4966, 43.4148, -112.9506

Details

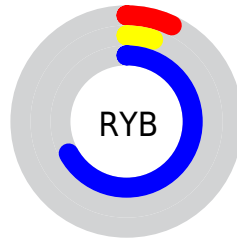
The Hex color **120EAC** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **A8AC0E**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **6442E5**, and **000076** is the 20% darker color. If you saturate the color by 10%, you get **0400AC**, and if you desaturate by 10%, it is **231FAC**.

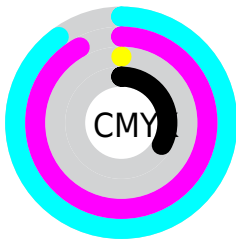
Distribution



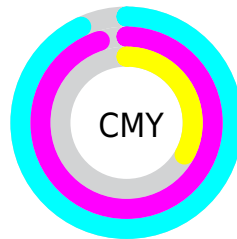
- Red (7%)
- Green (5%)
- Blue (67%)



- Red (7%)
- Yellow (5%)
- Blue (67%)



- Cyan (90%)
- Magenta (92%)
- Yellow (0%)
- Black (33%)



- Cyan (93%)
- Magenta (95%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 120EAC

 120EAC

FFFFFF

 000091

 6442E5

 000076

 845BFF

 00005C

 A275FF

 000743

 C190FF

 00032C

 DFABFF

 000117

 FEC7FF

 000000

 FFE3FF

 120EAC

 120EAC

■ 0400AC

■ 231FAC

■ 3430AC

■ 4442AC

■ 5553AC

■ 6664AC

■ 7775AC

■ 8786AC

■ 9898AC

■ A9A9AC

Harmonies

Analogous

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



003FC9



120EAC



890070

Triad

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



120EAC



6C0C00



004940

Complementary

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



120EAC



A8AC0E

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.



004700



120EAC



353700

Square

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



120EAC



920000



004200



004B87

Rectangle

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



120EAC



9E0042



004200



004827

Sweetspot

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



120EAC



A3A2E0



0EA9AC



4B4A70



F0F0F0



707070

Same Dimension

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



120EAC



0600E0



600EAC



4E4E57



040096



010017

Inverse Universe

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



AC0EA8



E000DB



5AAC0E



574E56



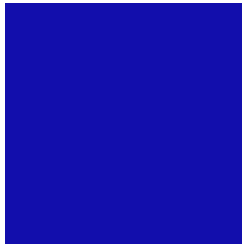
960093



170016

Previews

White Background



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

Color Contrast Check

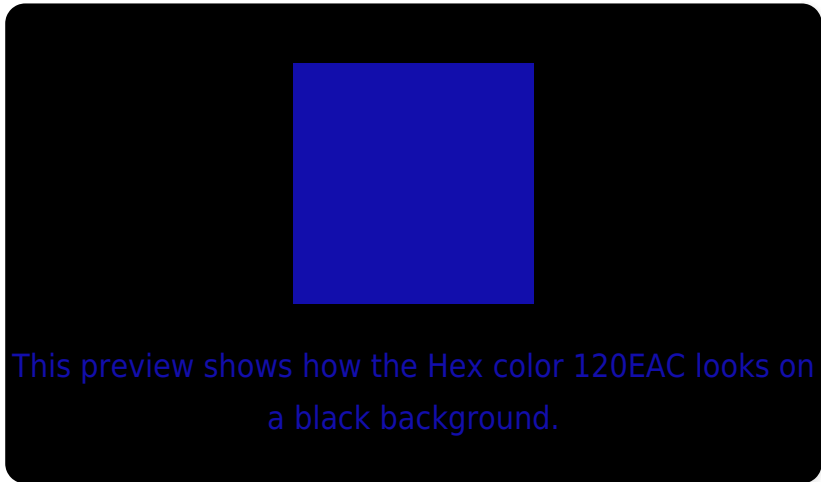
Large Text (above 18pt) WCAG AA ✓ Pass

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

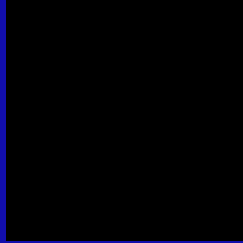
Any Text WCAG AA × Fail

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 120EAC Background



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



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

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
120EAC

Protanopia
00346C

Deuteranopia
00375C



Tritanopia
003B3E

Trichromacy



Original Color
120EAC

Protanomaly
072683

Deuteranomaly
072879

Tritanomaly
072B66

Monochromacy



Original Color
120EAC

Achromatopsia
212121

Achromatomaly
1C1A54

CSS Examples

Text

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

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

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 #120EAC colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 120EAC 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".

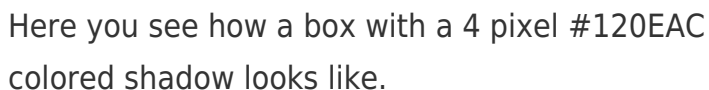
```
.border, #border, table{ border:4px solid
#120EAC }
```

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

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

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

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

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

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

Background

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

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

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

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

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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