

Converting Colors

Hex(122EAF)

Have a look what the booklet for
Hex(122EAF) contains.

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Color

Hex(122EAF)

Conversions

Conversions Part 1

Format	Color
Hex	122EAF
RGB	18, 46, 175
RGB Percent	7%, 18%, 69%
CMY	0.9294, 0.8196, 0.3137
CMYK	0.90, 0.74, 0.00, 0.31
HSL	229°, 81%, 38%
HSV	229°, 90%, 69%
XYZ	8.9643, 5.1777, 41.0844
YIQ	52.3340, -58.0970, 34.1830

Conversions

Conversions Part 2

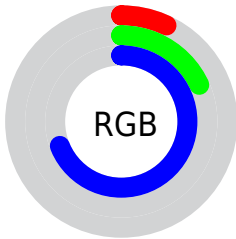
Format	Color
R _Y B	18, 42, 175
Decimal	1191599
CIE Lab	27.24, 41.24, -69.98
CIE LCh	27, 81.225, 300.509
Yxy	5.1777, 0.1623, 0.0938
Android (android.graphics.Color)	4279381679 (0xFF122EAF)
YUV	52.3340, 60.4743, -30.1109
Hunter-Lab	22.7546, 30.5004, -91.1221

Details

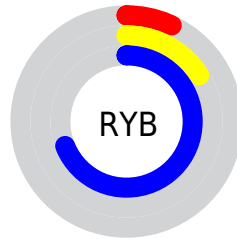
The Hex color **122EAF** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **AF9312**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **625DE8**, and **000679** is the 20% darker color. If you saturate the color by 10%, you get **0120AF**, and if you desaturate by 10%, it is **243CAF**.

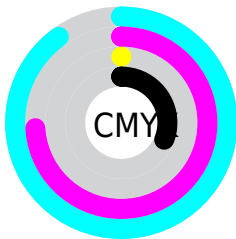
Distribution



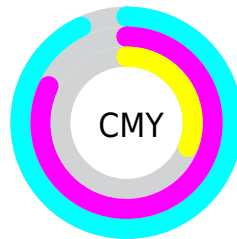
- Red (7%)
- Green (18%)
- Blue (69%)



- Red (7%)
- Yellow (16%)
- Blue (69%)



- Cyan (90%)
- Magenta (74%)
- Yellow (0%)
- Black (31%)



- Cyan (93%)
- Magenta (82%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 122EAF 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 122EAF by changing the saturation by 10% instead.

■ 122EAF

■ 122EAF

FFFFFF

■ 001994

■ 625DE8

■ 000679

■ 8176FF

■ 00005F

■ 9F8FFF

■ 000846

■ BEAAFF

■ 00042F

■ DCC5FF

■ 000119

■ FAE2FF

■ 000000

FFFEFF

■ 122EAF

■ 122EAF

■ 0120AF

■ 243CAF

■ 001FAF

■ 354BAF

■ 4759AF

■ 5868AF

■ 6A76AF

■ 7B84AF

■ 8D93AF

■ 9EA1AF

■ B0AFAF

Harmonies

Analogous

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



004BC1



122EAF



86007F

Triad

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



122EAF



7D1C00



005540

Complementary

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



122EAF



AF9312

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.



005300



122EAF



4F3F00

Square

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



122EAF



9C0003



004D00



00577F

Rectangle

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



122EAF



9E0057



004D00



00542A

Sweetspot

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



122EAF



A6B1E3



12AF92



4E5573



F2F2F2



737373

Same Dimension

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



122EAF



0028E3



4412AF



4E5057



001B96



000417

Inverse Universe

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



AF122E



E30028



7DAF12



574E50



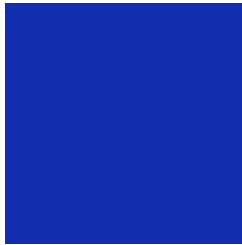
96001B



170004

Previews

White Background



This preview shows how the Hex color 122EAF looks on a white background.

Color Contrast Check

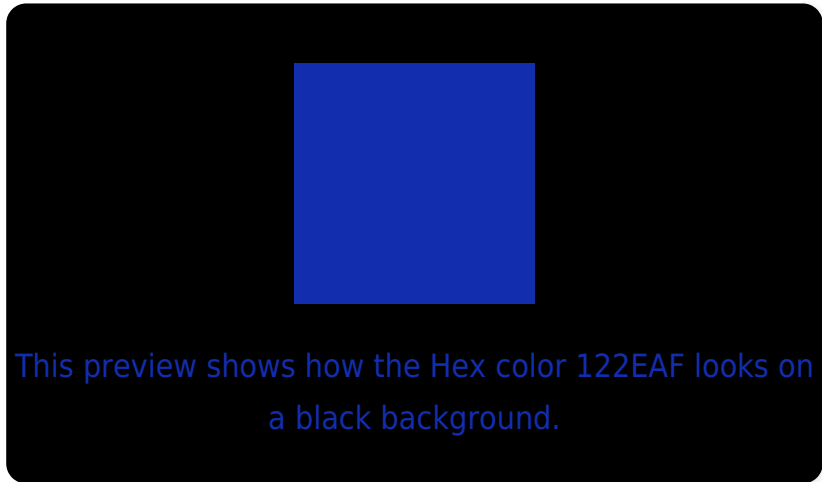
Large Text (above 18pt) WCAG AA ✓ Pass

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

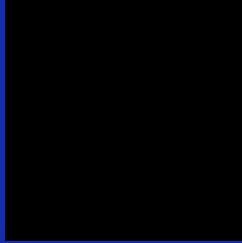
Any Text WCAG AA × Fail

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 122EAF Background



This preview shows how black text looks on a background with the Hex color 122EAF.



This preview shows how white text looks on a background with the Hex color 122EAF.

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
122EAF

Protanopia
003E83

Deuteranopia
00426F



Tritanopia
00484B

Trichromacy



Original Color
122EAF

Protanomaly
073893

Deuteranomaly
073B86

Tritanomaly
073F6F

Monochromacy



Original Color
122EAF

Achromatopsia
343434

Achromatomaly
283261

CSS Examples

Text

The CSS property to change the color of the text to Hex 122EAF 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 #122EAF looks like.

```
.text, #text, p{  
  color:#122EAF  
}
```

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 #122EAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #122EAF
}
```

Border

The CSS property to change the border of an element to Hex 122EAF 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
#122EAF }
```

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

```
.border{ border-color:#122EAF }
```

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

Here you see how a box with a 4 pixel #122EAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #122EAF; -webkit-box-shadow:4px 4px  
4px 4px #122EAF; box-shadow:4px 4px 4px  
4px #122EAF }
```

Background

The CSS property to change the background color of an element to Hex 122EAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#122EAF }
```

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

```
.background{ background-color:#122EAF }
```

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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