

Converting Colors

Hex(100EAE)

Have a look what the booklet for
Hex(100EAE) contains.

Hex(100EAE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(100EAE)

Conversions

Conversions Part 1

Format	Color
Hex	100EAE
RGB	16, 14, 174
RGB Percent	6%, 5%, 68%
CMY	0.9373, 0.9451, 0.3176
CMYK	0.91, 0.92, 0.00, 0.32
HSL	241°, 85%, 37%
HSV	241°, 92%, 68%
XYZ	8.0107, 3.4802, 40.2939
YIQ	32.8380, -50.1680, 50.1840

Conversions

Conversions Part 2

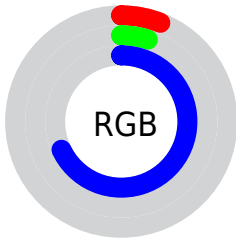
Format	Color
RYB	16, 14, 174
Decimal	1052334
CIELab	21.87, 55.98, -78.29
CIELCh	22, 96.244, 305.563
Yxy	3.4802, 0.1547, 0.0672
Android (android.graphics.Color)	4279242414 (0xFF100EAE)
YUV	32.8380, 69.5929, -14.7669
Hunter-Lab	18.6554, 44.0019, -115.0024

Details

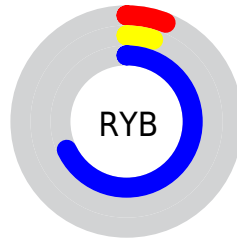
The Hex color **100EAE** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **ACAE0E**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **6442E7**, and **000078** is the 20% darker color. If you saturate the color by 10%, you get **0200AE**, and if you desaturate by 10%, it is **211FAE**.

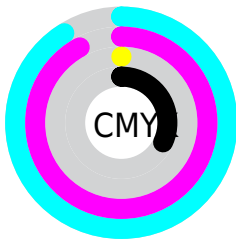
Distribution



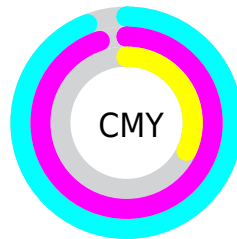
- Red (6%)
- Green (5%)
- Blue (68%)



- Red (6%)
- Yellow (5%)
- Blue (68%)



- Cyan (91%)
- Magenta (92%)
- Yellow (0%)
- Black (32%)



- Cyan (94%)
- Magenta (95%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 100EAE 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 100EAE by changing the saturation by 10% instead.

■ 100EAE

■ 100EAE

FFFFFF

■ 000093

■ 6442E7

■ 000078

■ 845CFF

■ 00005E

■ A275FF

■ 000845

■ C190FF

■ 00042E

■ E0ABFF

■ 000118

■ FEC7FF

■ 000000

■ FFE4FF

■ 100EAE

■ 100EAE

■ 0200AE

■ 211FAE

■ 3231AE

■ 4442AE

■ 5554AE

■ 6665AE

■ 7776AE

■ 8888AE

■ 9999AE

■ ABABAE

Harmonies

Analogous

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



0040CB



100EAE



8B0071

Triad

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



100EAE



6D0C00



004A41

Complementary

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



100EAE



ACAE0E

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



100EAE



363700

Square

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



100EAE



930000



004300



004C89

Rectangle

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



100EAE



A00043



004300



004928

Sweetspot

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



100EAE



A4A3E3



0EAEAE



4C4C73



F2F2F2



737373

Same Dimension

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



100EAE



0300E3



5E0EAE



4E4E57



020096



000017

Inverse Universe

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



AE0EAC



E300E0



5EAE0E



574E57



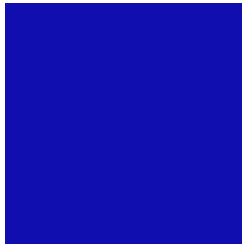
960095



170017

Previews

White Background



This preview shows how the Hex color 100EAE looks on a white background.

Color Contrast Check

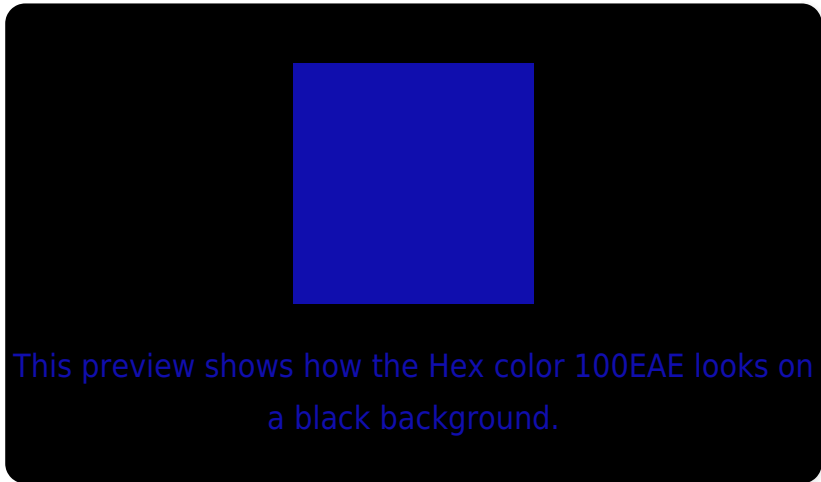
Large Text (above 18pt) WCAG AA ✓ Pass

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

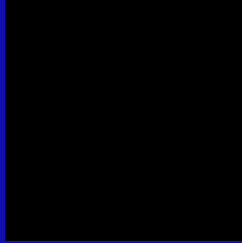
Any Text WCAG AA × Fail

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 100EAE Background



This preview shows how black text looks on a background with the Hex color 100EAE.



This preview shows how white text looks on a background with the Hex color 100EAE.

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
100EAE

Protanopia
00346D

Deuteranopia
00385C



Tritanopia
003C3F

Trichromacy



Original Color
100EAE

Protanomaly
062685

Deuteranomaly
06297A

Tritanomaly
062B67

Monochromacy



Original Color
100EAE

Achromatopsia
212121

Achromatomaly
1B1A54

CSS Examples

Text

The CSS property to change the color of the text to Hex 100EAE 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 #100EAE looks like.

```
.text, #text, p{  
    color:#100EAE  
}
```

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 #100EAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #100EAE
}
```

Border

The CSS property to change the border of an element to Hex 100EAE 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
#100EAE }
```

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

```
.border{ border-color:#100EAE }
```

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

Here you see how a box with a 4 pixel #100EAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #100EAE; -webkit-box-shadow:4px 4px  
4px 4px #100EAE; box-shadow:4px 4px 4px  
4px #100EAE }
```

Background

The CSS property to change the background color of an element to Hex 100EAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#100EAE }
```

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

```
.background{ background-color:#100EAE }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor