

Converting Colors

Hex(131E8B)

Have a look what the booklet for
Hex(131E8B) contains.

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Color

Hex(131E8B)

Conversions

Conversions Part 1

Format	Color
Hex	131E8B
RGB	19, 30, 139
RGB Percent	7%, 12%, 55%
CMY	0.9255, 0.8824, 0.4549
CMYK	0.86, 0.78, 0.00, 0.45
HSL	234°, 76%, 31%
HSV	234°, 86%, 55%
XYZ	5.3930, 2.9311, 24.7076
YIQ	39.1370, -41.5450, 31.5670

Conversions

Conversions Part 2

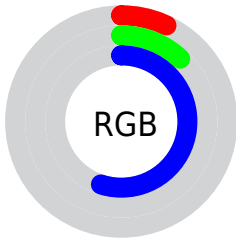
Format	Color
RYB	19, 29, 139
Decimal	1253003
CIELab	19.77, 37.97, -60.32
CIElCh	20, 71.279, 302.188
Yxy	2.9311, 0.1633, 0.0887
Android (android.graphics.Color)	4279443083 (0xFF131E8B)
YUV	39.1370, 49.2325, -17.6601
Hunter-Lab	17.1204, 26.2680, -73.5812

Details

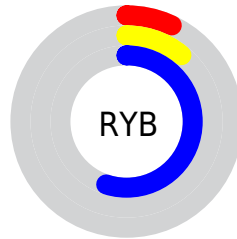
The Hex color **131E8B** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8B8013**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **594BC2**, and **000058** is the 20% darker color. If you saturate the color by 10%, you get **05118B**, and if you desaturate by 10%, it is **212B8B**.

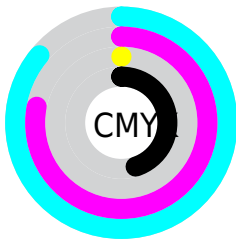
Distribution



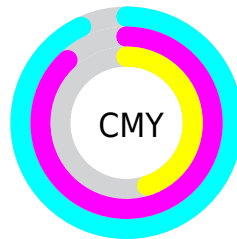
- Red (7%)
- Green (12%)
- Blue (55%)



- Red (7%)
- Yellow (11%)
- Blue (55%)



- Cyan (86%)
- Magenta (78%)
- Yellow (0%)
- Black (45%)



- Cyan (93%)
- Magenta (88%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 131E8B 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 131E8B by changing the saturation by 10% instead.

■ 131E8B

■ 131E8B

FFFFFF

■ 000971

■ 594BC2

■ 000058

■ 7664DE

■ 00063F

■ 937DFB

■ 000328

■ B097FF

■ 000112

■ CEB2FF

■ 000000

■ EBCEFF

■ FFEAFF

■ 131E8B

■ 131E8B

■ 05118B

■ 212B8B

■ 000D8B

■ 2F378B

■ 3D448B

■ 4B518B

■ 595D8B

■ 666A8B

■ 74768B

■ 82838B

■ 90908B

Harmonies

Analogous

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



00389C



131E8B



6C0062

Triad

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



131E8B



601300



004133

Complementary

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



131E8B



8B8013

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.



003F00



131E8B



393000

Square

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



131E8B



7B0000



003B00



004267

Rectangle

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



131E8B



7E0040



003B00



004120

Sweetspot

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



131E8B



868AB5



138B7F



3F425C



DBDBDB



5C5C5C

Same Dimension

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



131E8B



0011B5



43138B



3E3F45



000C85



000005

Inverse Universe

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



8B131E



B50011



5B8B13



453E3F



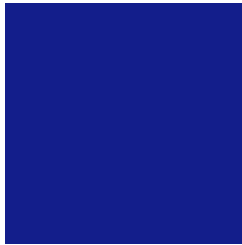
85000C



050000

Previews

White Background



This preview shows how the Hex color 131E8B looks on a white background.

Color Contrast Check

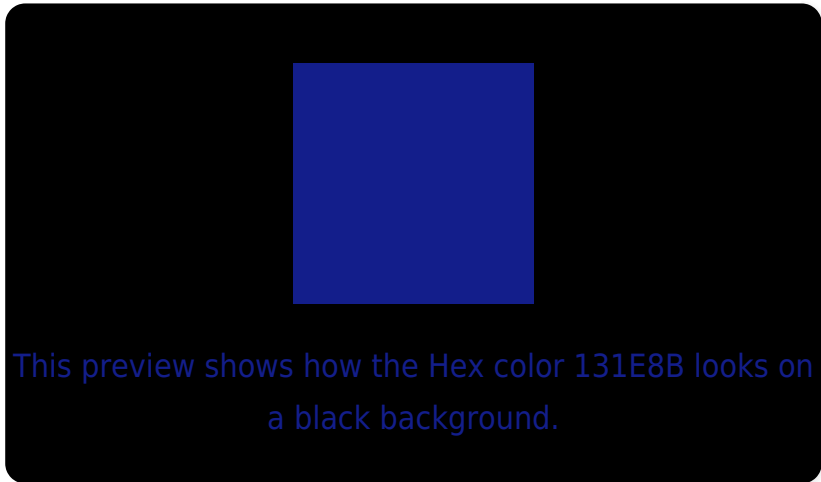
Large Text (above 18pt) WCAG AA ✓ Pass

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

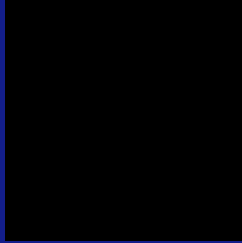
Any Text WCAG AA × Fail

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 131E8B Background



This preview shows how black text looks on a background with the Hex color 131E8B.



This preview shows how white text looks on a background with the Hex color 131E8B.

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
131E8B

Protanopia
002F63

Deuteranopia
003254

Trichromacy



Original Color
131E8B

Protanomaly
072972

Deuteranomaly
072B68

Tritanomaly
072D57

Monochromacy



Original Color
131E8B

Achromatopsia
272727

Achromatomaly
20244B

CSS Examples

Text

The CSS property to change the color of the text to Hex 131E8B 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 #131E8B looks like.

```
.text, #text, p{  
    color:#131E8B  
}
```

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 #131E8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #131E8B
}
```

Border

The CSS property to change the border of an element to Hex 131E8B is called "border". The border property can be set on classes, ids or directly on the HTML element.

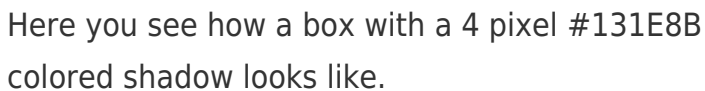
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#131E8B }
```

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

```
.border{ border-color:#131E8B }
```

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



Here you see how a box with a 4 pixel #131E8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #131E8B; -webkit-box-shadow:4px 4px  
4px 4px #131E8B; box-shadow:4px 4px 4px  
4px #131E8B }
```

Background

The CSS property to change the background color of an element to Hex 131E8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#131E8B }
```

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

```
.background{ background-color:#131E8B }
```

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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