

Converting Colors

Hex(131857)

Have a look what the booklet for
Hex(131857) contains.

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Color

Hex(131857)

Conversions

Conversions Part 1

Format	Color
Hex	131857
RGB	19, 24, 87
RGB Percent	7%, 9%, 34%
CMY	0.9255, 0.9059, 0.6588
CMYK	0.78, 0.72, 0.00, 0.66
HSL	236°, 64%, 21%
HSV	236°, 78%, 34%
XYZ	2.3155, 1.4798, 9.1804
YIQ	29.6870, -23.2030, 18.5330

Conversions

Conversions Part 2

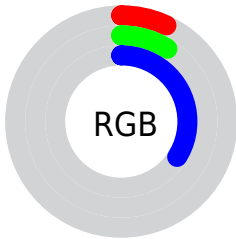
Format	Color
RYB	19, 24, 87
Decimal	1251415
CIELab	12.48, 22.19, -38.60
CIELCh	12, 44.521, 299.895
Yxy	1.4798, 0.1784, 0.1140
Android (android.graphics.Color)	4279441495 (0xFF131857)
YUV	29.6870, 28.2553, -9.3725
Hunter-Lab	12.1648, 12.6877, -36.2289

Details

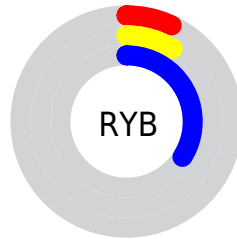
The Hex color **131857** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **575213**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **4A438A**, and **000328** is the 20% darker color. If you saturate the color by 10%, you get **0A1057**, and if you desaturate by 10%, it is **1C2057**.

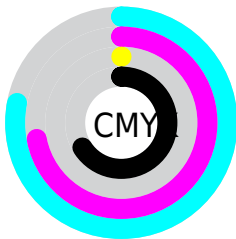
Distribution



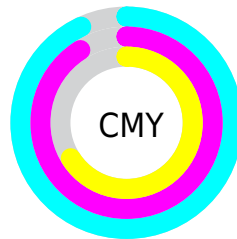
- Red (7%)
- Green (9%)
- Blue (34%)



- Red (7%)
- Yellow (9%)
- Blue (34%)



- Cyan (78%)
- Magenta (72%)
- Yellow (0%)
- Black (66%)



- Cyan (93%)
- Magenta (91%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 131857 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 131857 by changing the saturation by 10% instead.

■ 131857

■ 131857

■ FFFBFF

■ 00003F

■ 4A438A

■ 000328

■ 645BA4

■ 000112

■ 7E73C0

■ 000000

■ 9A8DDC

■ B5A7F8

■ D2C2FF

■ EEDEFF

■ 131857

■ 131857

■ 0A1057

■ 1C2057

■ 020857

■ 242857

■ 000657

■ 2D3057

■ 363857

■ 3F4057

■ 474857

■ 505057

■ 595857

■ 616157

Harmonies

Analogous

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



002560



131857



430040

Triad

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



131857



411000



002D1F

Complementary

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



131857



575213

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.



002B00



131857



2A2000

Square

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



131857



500000



072700



002D3F

Rectangle

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



131857



4F002C



072700



002D14

Sweetspot

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



131857



565870



135751



282A38



B8B8B8



383838

Same Dimension

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



131857



070E70



2F1357



27272B



00086B



0011EB

Inverse Universe

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



571318



70070E



3B5713



2B2727



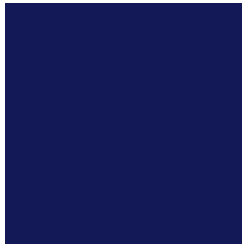
6B0008



EB0011

Previews

White Background



This preview shows how the Hex color 131857 looks on a white background.

Color Contrast Check

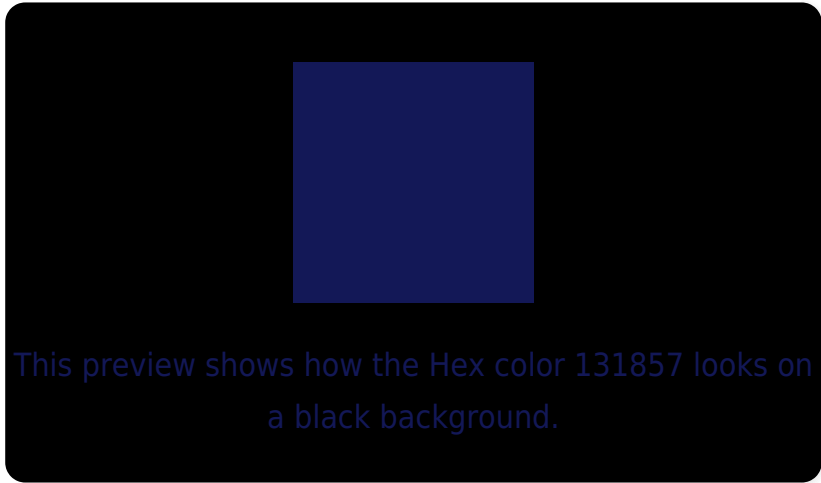
Large Text (above 18pt) WCAG AA ✓ Pass

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 131857 Background



This preview shows how black text looks on a background with the Hex color 131857.



This preview shows how white text looks on a background with the Hex color 131857.

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
131857

Protanopia
002044

Deuteranopia
00223A

Trichromacy



Original Color
131857

Protanomaly
071D4B

Deuteranomaly
071E45

Tritanomaly
072038

Monochromacy



Original Color
131857

Achromatopsia
1E1E1E

Achromatomaly
1A1C33

CSS Examples

Text

The CSS property to change the color of the text to Hex 131857 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 #131857 looks like.

```
.text, #text, p{  
    color:#131857  
}
```

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 #131857 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #131857
}
```

Border

The CSS property to change the border of an element to Hex 131857 is called "border". The border property can be set on classes, ids or directly on the HTML element.

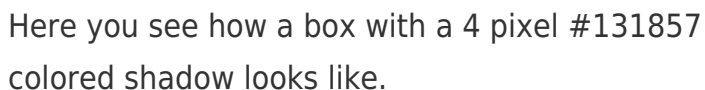
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#131857 }
```

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

```
.border{ border-color:#131857 }
```

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



Here you see how a box with a 4 pixel #131857 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #131857; -webkit-box-shadow:4px 4px  
4px 4px #131857; box-shadow:4px 4px 4px  
4px #131857 }
```

Background

The CSS property to change the background color of an element to Hex 131857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#131857 }
```

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

```
.background{ background-color:#131857 }
```

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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