

# Converting Colors

Hex(131433)

Have a look what the booklet for  
Hex(131433) contains.

<b>Hex(131433)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(131433)

# Conversions

## Conversions Part 1

Format	Color
Hex	131433
RGB	19, 20, 51
RGB Percent	7%, 8%, 20%
CMY	0.9255, 0.9216, 0.8000
CMYK	0.63, 0.61, 0.00, 0.80
HSL	238°, 46%, 14%
HSV	238°, 63%, 20%
XYZ	1.1163, 0.8778, 3.2426
YIQ	23.2350, -10.5470, 9.4290

# Conversions

## Conversions Part 2

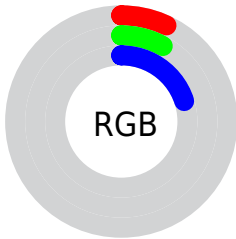
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 20, 51
Decimal	1250355
CIE <sub>Lab</sub>	7.93, 10.51, -20.74
CIE <sub>LCh</sub>	8, 23.248, 296.880
Yxy	0.8778, 0.2132, 0.1676
Android (android.graphics.Color)	4279440435 (0xFF131433)
YUV	23.2350, 13.6881, -3.7141
Hunter-Lab	9.3690, 4.8715, -13.9618

# Details

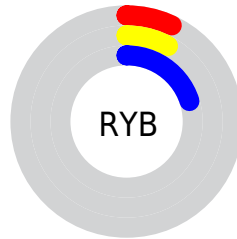
The Hex color **131433** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **333213**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **413E62**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0E0F33**, and if you desaturate by 10%, it is **181933**.

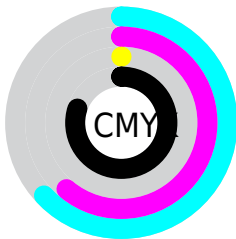
# Distribution



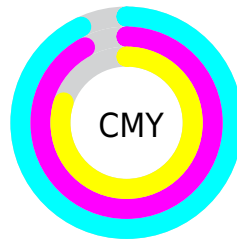
- Red (7%)
- Green (8%)
- Blue (20%)



- Red (7%)
- Yellow (8%)
- Blue (20%)



- Cyan (63%)
- Magenta (61%)
- Yellow (0%)
- Black (80%)



- Cyan (93%)
- Magenta (92%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 131433 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 131433 by changing the saturation by 10% instead.



■ 131433

■ 131433

■ FAF4FF

■ 00001E

■ 413E62

■ 000000

■ 59557B

■ 726D95

■ 8B87AF

■ A6A1CB

■ C1BCE7

■ DED8FF

■ 131433

■ 131433

■ 0E0F33

■ 181933

■ 090A33

■ 1D1E33

■ 040533

■ 222333

■ 000233

■ 272833

■ 2D2D33

■ 323233

■ 373733

■ 3C3C33

■ 414033

# Harmonies

## Analogous

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



001A36



131433



280C28

# Triad

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



131433



2C1000



002015

# Complementary

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



131433



333213

# 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.



001E00



131433



201600

# Square

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



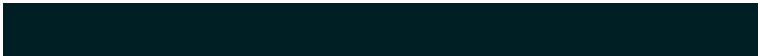
131433



320804



101B00



001F25

# Rectangle

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



131433



2F081F



101B00



001F0E



# Sweetspot

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



131433



363642



133332



1A1A21



A1A1A1



212121



# Same Dimension

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



131433



111242



221333



17171A



000359



0007D9



# Inverse Universe

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



331314



421112



243313



1A1717



590003



D90007



# Previews

## White Background



This preview shows how the Hex color 131433 looks on a white background.

## Color Contrast Check

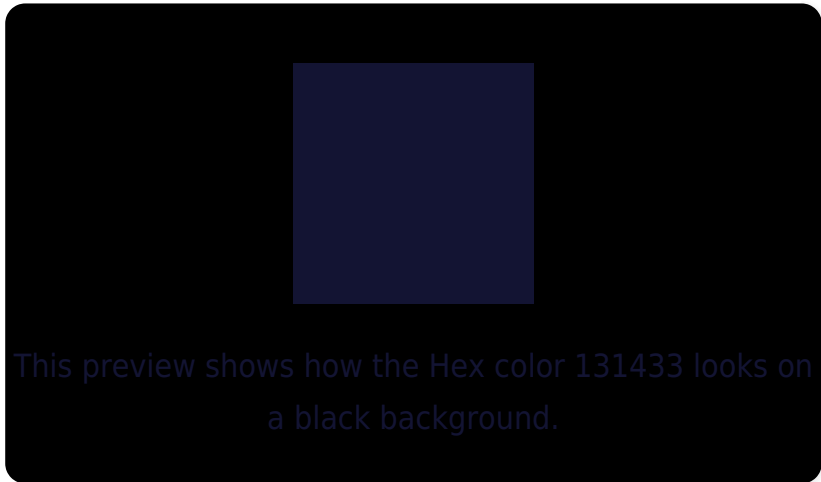
Large Text (above 18pt) WCAG AA ✓ Pass

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

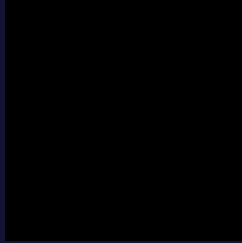
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 131433 Background



This preview shows how black text looks on a background with the Hex color 131433.



This preview shows how white text looks on a background with the Hex color 131433.

# 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**

131433

**Protanopia**

001731

**Deuteranopia**

00182A



**Tritanopia**  
061A1C

# Trichromacy



**Original Color**  
131433

**Protanomaly**  
071632

**Deuteranomaly**  
07172D

**Tritanomaly**  
0B1824

# Monochromacy



**Original Color**  
131433

**Achromatopsia**  
171717

**Achromatomaly**  
161621

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 131433 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 #131433 looks like.

```
.text, #text, p{  
    color:#131433  
}
```

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 #131433 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #131433  
}
```

## Border

The CSS property to change the border of an element to Hex 131433 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  
#131433 }
```

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

```
.border{ border-color:#131433 }
```

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

Here you see how a box with a 4 pixel #131433 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #131433; -webkit-box-shadow:4px 4px  
4px 4px #131433; box-shadow:4px 4px 4px  
4px #131433 }
```

# Background

The CSS property to change the background color of an element to Hex 131433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#131433 }
```

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

```
.background{ background-color:#131433 }
```

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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