

Converting Colors

Hex(131A38)

Have a look what the booklet for
Hex(131A38) contains.

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Color

Hex(131A38)

Conversions

Conversions Part 1

Format	Color
Hex	131A38
RGB	19, 26, 56
RGB Percent	7%, 10%, 22%
CMY	0.9255, 0.8980, 0.7804
CMYK	0.66, 0.54, 0.00, 0.78
HSL	229°, 49%, 15%
HSV	229°, 66%, 22%
XYZ	1.3518, 1.1628, 3.8946
YIQ	27.3270, -13.8020, 7.8460

Conversions

Conversions Part 2

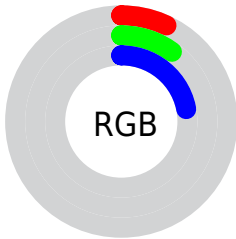
Format	Color
R_{YB}	19, 25, 56
Decimal	1251896
CIE Lab	10.28, 7.87, -20.59
CIE LCh	10, 22.038, 290.912
Yxy	1.1628, 0.2109, 0.1814
Android (android.graphics.Color)	4279441976 (0xFF131A38)
YUV	27.3270, 14.1358, -7.3028
Hunter-Lab	10.7831, 3.5061, -13.8657

Details

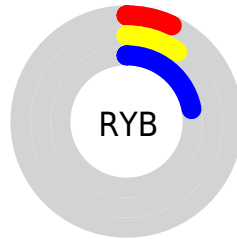
The Hex color **131A38** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **383113**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **414567**, and **000009** is the 20% darker color. If you saturate the color by 10%, you get **0D1538**, and if you desaturate by 10%, it is **191F38**.

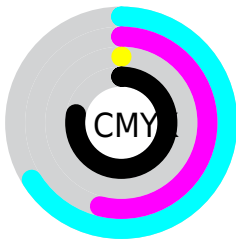
Distribution



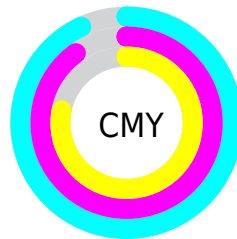
- Red (7%)
- Green (10%)
- Blue (22%)



- Red (7%)
- Yellow (10%)
- Blue (22%)



- Cyan (66%)
- Magenta (54%)
- Yellow (0%)
- Black (78%)



- Cyan (93%)
- Magenta (90%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 131A38 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 131A38 by changing the saturation by 10% instead.

■ 131A38

■ 131A38

■ FCFDFE

■ 000023

■ 414567

■ 000009

■ 5A5C80

■ 000000

■ 73759B

■ 8C8EB5

■ A7A9D1

■ C3C4ED

■ DFE0FF

■ 131A38

■ 131A38

■ 0D1538

■ 191F38

■ 081138

■ 1E2338

■ 020C38

■ 242838

■ 000B38

■ 292C38

■ 2F3138

■ 353538

■ 3A3A38

■ 403E38

■ 454338

Harmonies

Analogous

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



001F39



131A38



29132F

Triad

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



131A38



331300



002317

Complementary

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



131A38



383113

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.



082103



131A38



281A00

Square

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



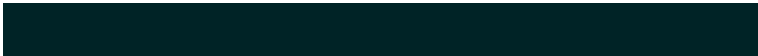
131A38



370E12



1B1E00



002326

Rectangle

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



131A38



320F26



1B1E00



002311

Sweetspot

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



131A38



3B3E4A



133831



1D1F26



A6A6A6



262626

Same Dimension

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



131A38



101B4A



1E1338



191A1C



00115C



0029DB

Inverse Universe

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



38131A



4A101B



2D3813



1C191A



5C0011



DB0029

Previews

White Background



This preview shows how the Hex color 131A38 looks on a white background.

Color Contrast Check

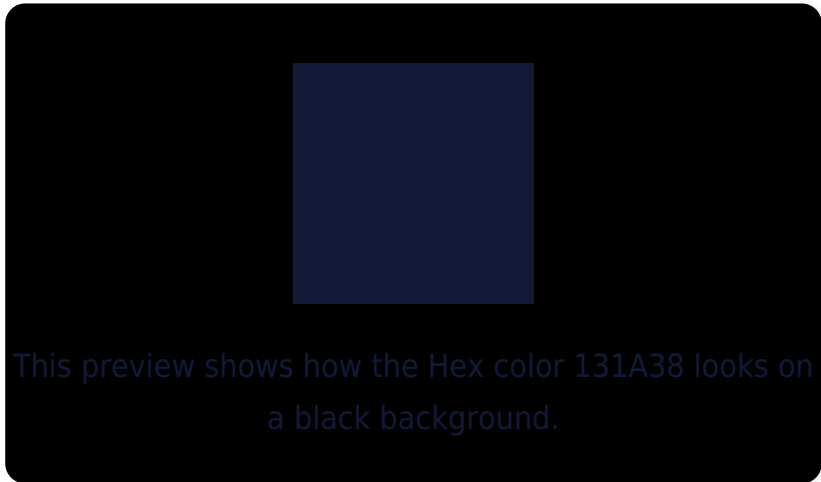
Large Text (above 18pt) WCAG AA ✓ Pass

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

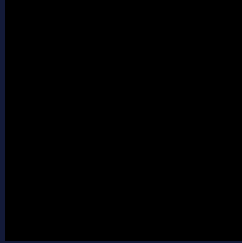
Any Text WCAG AA × Fail

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 131A38 Background



This preview shows how black text looks on a background with the Hex color 131A38.



This preview shows how white text looks on a background with the Hex color 131A38.

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

131A38

Protanopia

061B39

Deuteranopia

001D32



Tritanopia
001F22

Trichromacy



Original Color
131A38

Protanomaly
0B1B39

Deuteranomaly
071C34

Tritanomaly
071D2A

Monochromacy



Original Color
131A38

Achromatopsia
1B1B1B

Achromatomaly
181B26

CSS Examples

Text

The CSS property to change the color of the text to Hex 131A38 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 #131A38 looks like.

```
.text, #text, p{  
    color:#131A38  
}
```

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 #131A38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #131A38
}
```

Border

The CSS property to change the border of an element to Hex 131A38 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
#131A38 }
```

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

```
.border{ border-color:#131A38 }
```

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

Here you see how a box with a 4 pixel #131A38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #131A38; -webkit-box-shadow:4px 4px  
4px 4px #131A38; box-shadow:4px 4px 4px  
4px #131A38 }
```

Background

The CSS property to change the background color of an element to Hex 131A38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#131A38 }
```

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

```
.background{ background-color:#131A38 }
```

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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