

Converting Colors

Hex(131A34)

Have a look what the booklet for
Hex(131A34) contains.

Hex(131A34)	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(131A34)

Conversions

Conversions Part 1

Format	Color
Hex	131A34
RGB	19, 26, 52
RGB Percent	7%, 10%, 20%
CMY	0.9255, 0.8980, 0.7961
CMYK	0.63, 0.50, 0.00, 0.80
HSL	227°, 46%, 14%
HSV	227°, 63%, 20%
XYZ	1.2578, 1.1252, 3.3997
YIQ	26.8710, -12.5180, 6.6020

Conversions

Conversions Part 2

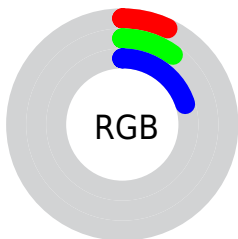
Format	Color
R _Y B	19, 25, 52
Decimal	1251892
CIE Lab	9.99, 6.23, -18.16
CIE LCh	10, 19.199, 288.920
Yxy	1.1252, 0.2175, 0.1946
Android (android.graphics.Color)	4279441972 (0xFF131A34)
YUV	26.8710, 12.3886, -6.9029
Hunter-Lab	10.6074, 2.6029, -11.5774

Details

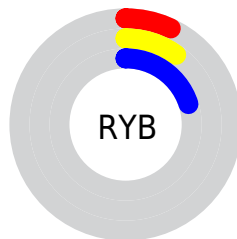
The Hex color **131A34** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **342D13**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **404563**, and **000002** is the 20% darker color. If you saturate the color by 10%, you get **0E1634**, and if you desaturate by 10%, it is **181E34**.

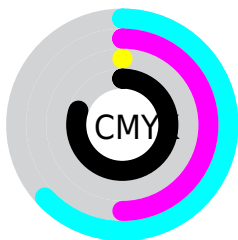
Distribution



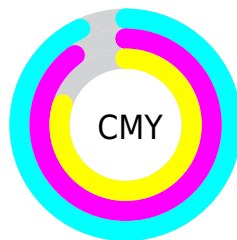
- Red (7%)
- Green (10%)
- Blue (20%)



- Red (7%)
- Yellow (10%)
- Blue (20%)



- Cyan (63%)
- Magenta (50%)
- Yellow (0%)
- Black (80%)



- Cyan (93%)
- Magenta (90%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 131A34 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 131A34 by changing the saturation by 10% instead.

■ 131A34

■ 131A34

■ FAFDFE

■ 00001F

■ 404563

■ 000002

■ 585C7C

■ 000000

■ 717596

■ 8B8EB0

■ A6A9CC

■ C1C4E8

■ DDE0FF

■ 131A34

■ 131A34

■ 0E1634

■ 181E34

■ 091234

■ 1D2234

■ 030E34

■ 232634

■ 000B34

■ 282A34

■ 2D2E34

■ 323334

■ 373734

■ 3D3B34

■ 423F34

Harmonies

Analogous

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



001E35



131A34



26152D

Triad

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



131A34



301402



002216

Complementary

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



131A34



342D13

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.



0C2005



131A34



281900

Square

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



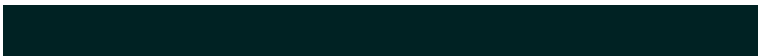
131A34



331014



1C1D00



002223

Rectangle

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



131A34



2E1125



1C1D00



002111

Sweetspot

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



131A34



383B45



13342D



1B1D24



A3A3A3



242424

Same Dimension

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



131A34



111C45



1C1334



17171A



001359



002ED9

Inverse Universe

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



34131A



45111C



2B3413



1A1717



590013



D9002E

Previews

White Background



This preview shows how the Hex color 131A34 looks on a white background.

Color Contrast Check

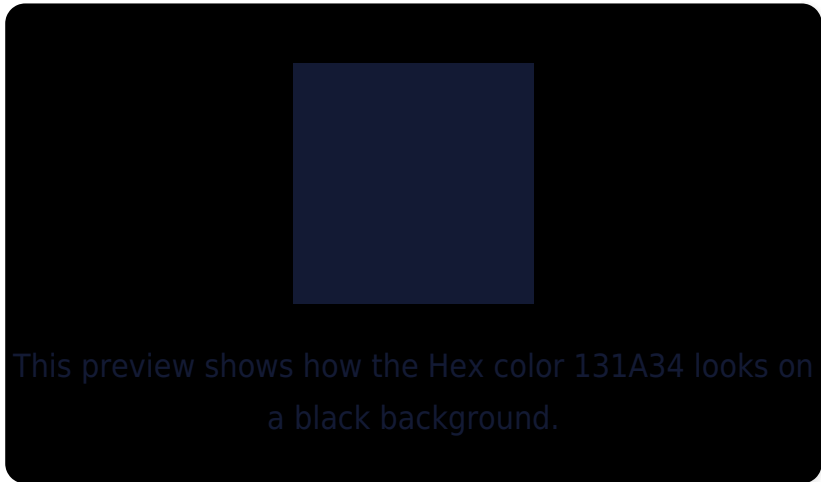
Large Text (above 18pt) WCAG AA ✓ Pass

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

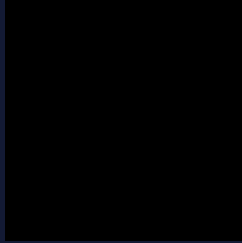
Any Text WCAG AA × Fail

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 131A34 Background



This preview shows how black text looks on a background with the Hex color 131A34.



This preview shows how white text looks on a background with the Hex color 131A34.

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

131A34

Protanopia

0D1B35

Deuteranopia

001C32



Tritanopia
081F21

Trichromacy



Original Color

131A34

Protanomaly

0F1B35

Deuteranomaly

071B33

Tritanomaly

0C1D28

Monochromacy



Original Color

131A34

Achromatopsia

1B1B1B

Achromatomaly

181B24

CSS Examples

Text

The CSS property to change the color of the text to Hex 131A34 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 #131A34 looks like.

```
.text, #text, p{  
    color:#131A34  
}
```

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 #131A34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #131A34
}
```

Border

The CSS property to change the border of an element to Hex 131A34 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
#131A34 }
```

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

```
.border{ border-color:#131A34 }
```

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

Here you see how a box with a 4 pixel #131A34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #131A34; -webkit-box-shadow:4px 4px  
4px 4px #131A34; box-shadow:4px 4px 4px  
4px #131A34 }
```

Background

The CSS property to change the background color of an element to Hex 131A34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#131A34 }
```

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

```
.background{ background-color:#131A34 }
```

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