

Converting Colors

Hex(131B41)

Have a look what the booklet for
Hex(131B41) contains.

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Color

Hex(131B41)

Conversions

Conversions Part 1

Format	Color
Hex	131B41
RGB	19, 27, 65
RGB Percent	7%, 11%, 25%
CMY	0.9255, 0.8941, 0.7451
CMYK	0.71, 0.58, 0.00, 0.75
HSL	230°, 55%, 16%
HSV	230°, 71%, 25%
XYZ	1.6146, 1.3040, 5.1676
YIQ	28.9400, -16.9660, 10.1220

Conversions

Conversions Part 2

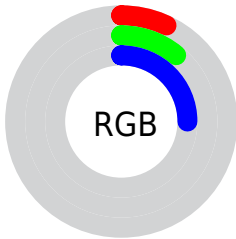
Format	Color
R_{YB}	19, 26, 65
Decimal	1252161
CIE _{Lab}	11.30, 10.85, -25.34
CIE _{LCh}	11, 27.561, 293.176
Yxy	1.3040, 0.1997, 0.1613
Android (android.graphics.Color)	4279442241 (0xFF131B41)
YUV	28.9400, 17.7776, -8.7174
Hunter-Lab	11.4191, 5.2558, -18.8377

Details

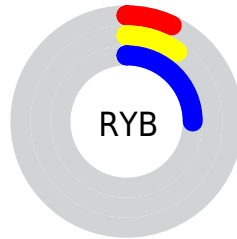
The Hex color **131B41** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **413913**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **434671**, and **000115** is the 20% darker color. If you saturate the color by 10%, you get **0D1641**, and if you desaturate by 10%, it is **1A2041**.

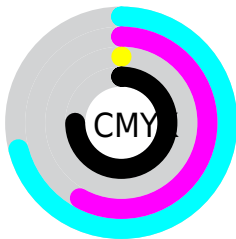
Distribution



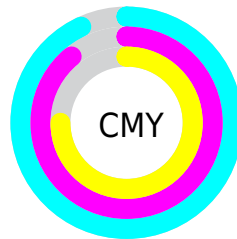
- Red (7%)
- Green (11%)
- Blue (25%)



- Red (7%)
- Yellow (10%)
- Blue (25%)



- Cyan (71%)
- Magenta (58%)
- Yellow (0%)
- Black (75%)



- Cyan (93%)
- Magenta (89%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 131B41 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 131B41 by changing the saturation by 10% instead.

■ 131B41

■ 131B41

FFFEFF

■ 00002B

■ 434671

■ 000115

■ 5C5D8B

■ 000000

■ 7676A5

■ 9090C1

■ ABAADD

■ C6C5F9

■ E3E1FF

■ 131B41

■ 131B41

■ 0D1641

■ 1A2041

■ 061041

■ 202641

■ 000B41

■ 272B41

■ 2D3041

■ 343641

■ 3A3B41

■ 414141

■ 474641

■ 4E4B41

Harmonies

Analogous

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



002244



131B41



301135

Triad

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



131B41



381300



002719

Complementary

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



131B41



413913

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.



002500



131B41



2A1C00

Square

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



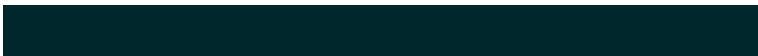
131B41



3F0A0F



192100



00272C

Rectangle

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



131B41



3A0B29



192100



002612

Sweetspot

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



131B41



424654



134139



21222B



ABABAB



2B2B2B

Same Dimension

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



131B41



0D1954



221341



1E1E21



001161



0027E0

Inverse Universe

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



41131B



540D19



324113



211E1E



610011



E00027

Previews

White Background



This preview shows how the Hex color 131B41 looks on a white background.

Color Contrast Check

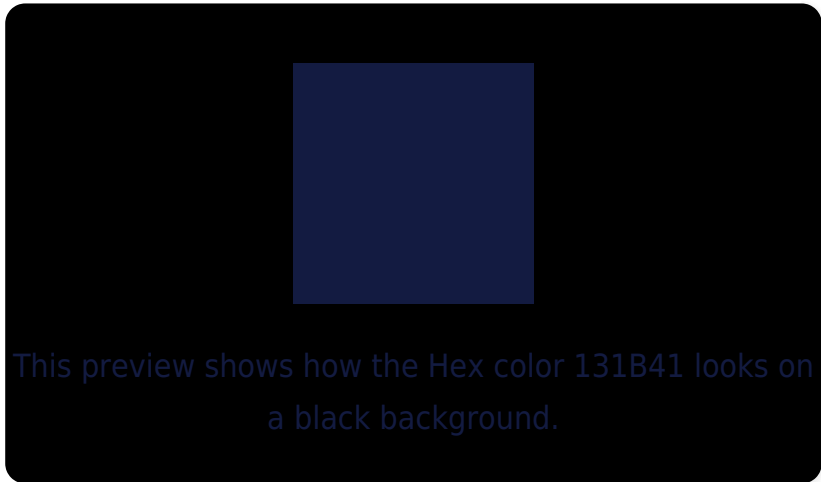
Large Text (above 18pt) WCAG AA ✓ Pass

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

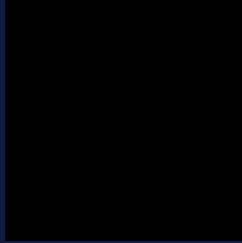
Any Text WCAG AA × Fail

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 131B41 Background



This preview shows how black text looks on a background with the Hex color 131B41.



This preview shows how white text looks on a background with the Hex color 131B41.

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
131B41

Protanopia
001D3E

Deuteranopia
001F36

Trichromacy



Original Color
131B41

Protanomaly
071C3F

Deuteranomaly
071E3A

Tritanomaly
071F2F

Monochromacy



Original Color
131B41

Achromatopsia
1D1D1D

Achromatomaly
191C2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 131B41 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 #131B41 looks like.

```
.text, #text, p{  
    color:#131B41  
}
```

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 #131B41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #131B41
}
```

Border

The CSS property to change the border of an element to Hex 131B41 is called "border". The border property can be set on classes, ids or directly on the HTML element.

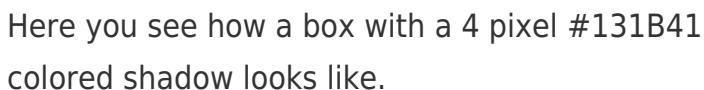
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#131B41 }
```

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

```
.border{ border-color:#131B41 }
```

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



Here you see how a box with a 4 pixel #131B41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #131B41; -webkit-box-shadow:4px 4px  
4px 4px #131B41; box-shadow:4px 4px 4px  
4px #131B41 }
```

Background

The CSS property to change the background color of an element to Hex 131B41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#131B41 }
```

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

```
.background{ background-color:#131B41 }
```

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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