

Converting Colors

Hex(10131B)

Have a look what the booklet for
Hex(10131B) contains.

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Color

Hex(10131B)

Conversions

Conversions Part 1

Format	Color
Hex	10131B
RGB	16, 19, 27
RGB Percent	6%, 7%, 11%
CMY	0.9373, 0.9255, 0.8941
CMYK	0.41, 0.30, 0.00, 0.89
HSL	224°, 26%, 8%
HSV	224°, 41%, 11%
XYZ	0.6444, 0.6550, 1.1294
YIQ	19.0150, -4.3560, 1.8520

Conversions

Conversions Part 2

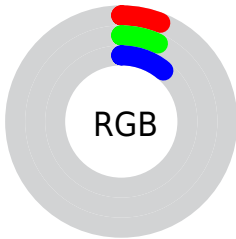
Format	Color
RYB	16, 18, 27
Decimal	1053467
CIELab	5.92, 0.89, -5.83
CIELCh	6, 5.897, 278.708
Yxy	0.6550, 0.2653, 0.2697
Android (android.graphics.Color)	4279243547 (0xFF10131B)
YUV	19.0150, 3.9366, -2.6442
Hunter-Lab	8.0934, 0.0484, -2.6081

Details

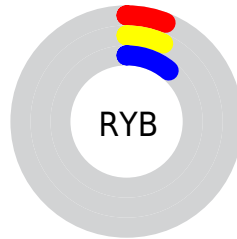
The Hex color **10131B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1B1810**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **3A3D46**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D111B**, and if you desaturate by 10%, it is **13151B**.

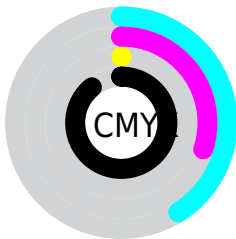
Distribution



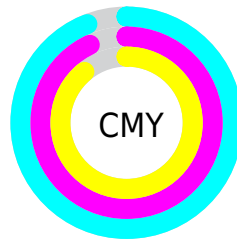
- Red (6%)
- Green (7%)
- Blue (11%)



- Red (6%)
- Yellow (7%)
- Blue (11%)



- Cyan (41%)
- Magenta (30%)
- Yellow (0%)
- Black (89%)



- Cyan (94%)
- Magenta (93%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10131B 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 10131B by changing the saturation by 10% instead.

■ 10131B

■ 10131B

■ F0F3FE

■ 000000

■ 3A3D46

■ 51545E

■ 696D76

■ 838690

■ 9DA0AA

■ B8BBC6

■ D3D7E2

■ 10131B

■ 10131B

■ 0D111B

■ 13151B

■ 0B0F1B

■ 15171B

■ 080D1B

■ 18191B

■ 050B1B

■ 1B1B1B

■ 03091B

■ 1D1D1B

■ 00071B

■ 201F1B

■ 23211B

■ 26231B

■ 28251B

Harmonies

Analogous

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



0A141B



10131B



161119

Triad

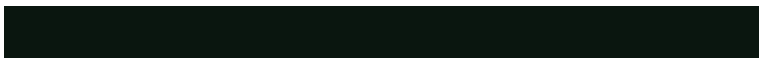
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



10131B



1C100D



0A160F

Complementary

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



10131B



1B1810

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.



10150A



10131B



1A1208

Square

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



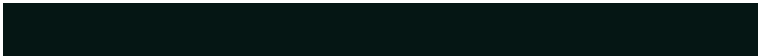
10131B



1C1012



161307



051614

Rectangle

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



10131B



191118



161307



0C150E

Sweetspot

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



10131B



1F2124



101B18



0F1012



919191



121212

Same Dimension

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



10131B



121724



12101B



0B0C0D



00154D



0038CC

Inverse Universe

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



1B1013



241217



191B10



0D0B0C



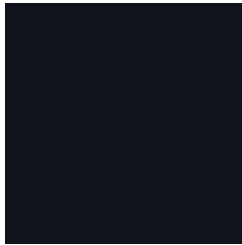
4D0015



CC0038

Previews

White Background



This preview shows how the Hex color 10131B looks on a white background.

Color Contrast Check

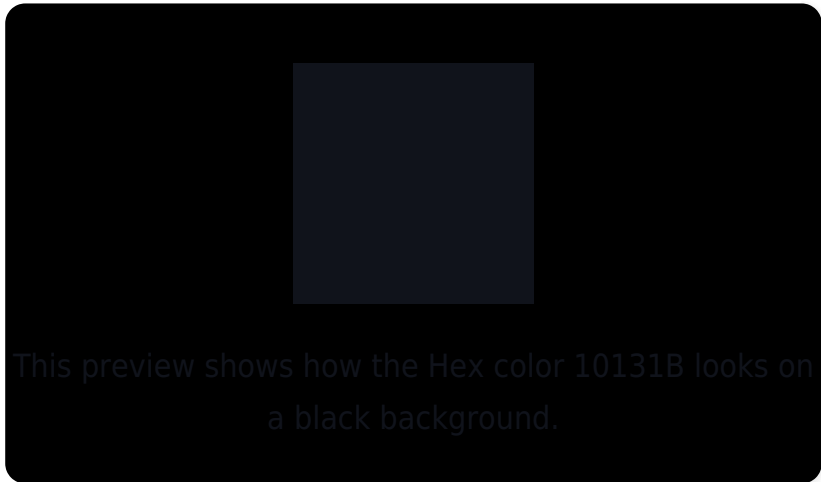
Large Text (above 18pt) WCAG AA ✓ Pass

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

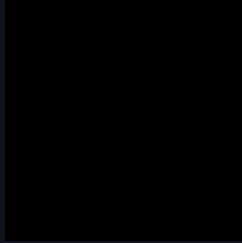
Any Text WCAG AA × Fail

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 10131B Background



This preview shows how black text looks on a background with the Hex color 10131B.



This preview shows how white text looks on a background with the Hex color 10131B.

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
10131B

Protanopia
11131B

Deuteranopia
10131B



Tritanopia
0F1416

Trichromacy



Original Color
10131B

Protanomaly
11131B

Deuteranomaly
10131B

Tritanomaly
0F1418

Monochromacy



Original Color
10131B

Achromatopsia
131313

Achromatomaly
121316

CSS Examples

Text

The CSS property to change the color of the text to Hex 10131B 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 #10131B looks like.

```
.text, #text, p{  
    color:#10131B  
}
```

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 #10131B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10131B
}
```

Border

The CSS property to change the border of an element to Hex 10131B 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
#10131B }
```

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

```
.border{ border-color:#10131B }
```

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

Here you see how a box with a 4 pixel #10131B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10131B; -webkit-box-shadow:4px 4px  
4px 4px #10131B; box-shadow:4px 4px 4px  
4px #10131B }
```

Background

The CSS property to change the background color of an element to Hex 10131B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10131B }
```

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

```
.background{ background-color:#10131B }
```

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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