

Converting Colors

Hex(13151B)

Have a look what the booklet for
Hex(13151B) contains.

Hex(13151B)	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(13151B)

Conversions

Conversions Part 1

Format	Color
Hex	13151B
RGB	19, 21, 27
RGB Percent	7%, 8%, 11%
CMY	0.9255, 0.9176, 0.8941
CMYK	0.30, 0.22, 0.00, 0.89
HSL	225°, 17%, 9%
HSV	225°, 30%, 11%
XYZ	0.7346, 0.7539, 1.1437
YIQ	21.0860, -3.1180, 1.4420

Conversions

Conversions Part 2

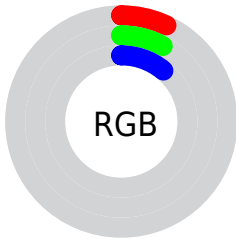
Format	Color
RYB	19, 21, 27
Decimal	1250587
CIELab	6.81, 0.74, -4.47
CIElCh	7, 4.534, 279.353
Yxy	0.7539, 0.2791, 0.2864
Android (android.graphics.Color)	4279440667 (0xFF13151B)
YUV	21.0860, 2.9156, -1.8294
Hunter-Lab	8.6828, -0.0940, -1.7318




Details

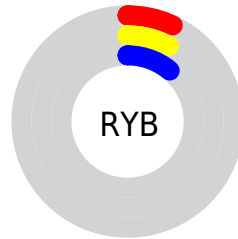
The Hex color **13151B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1B1913**, and the grayscale version is **151515**.




A 20% lighter version of the original color is **3D3F46**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **10131B**, and if you desaturate by 10%, it is **16171B**.

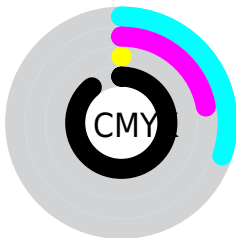
Distribution







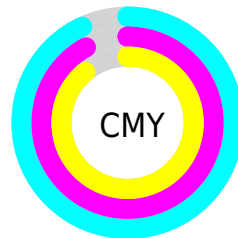
-  Red (7%)
-  Green (8%)
-  Blue (11%)






-  Red (7%)
-  Yellow (8%)
-  Blue (11%)



-  Cyan (30%)
-  Magenta (22%)
-  Yellow (0%)
-  Black (89%)



-  Cyan (93%)
-  Magenta (92%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13151B 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 13151B by changing the saturation by 10% instead.

■ 13151B

■ 13151B

■ F3F6FE

■ 000000

■ 3D3F46

■ 54565E

■ 6D6F76

■ 868890

■ A0A2AA

■ BBBDC6

■ D7D9E2

■ 13151B

■ 13151B

■ 10131B

■ 16171B

■ 0E111B

■ 18191B

■ 0B0F1B

■ 1B1B1B

■ 080D1B

■ 1E1D1B

■ 060B1B

■ 211F1B

■ 03091B

■ 23211B

■ 00071B

■ 26231B

■ 29251B

■ 2B271B

Harmonies

Analogous

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



0F161B



13151B



17141A

Triad

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



13151B



1C1311



0F1713

Complementary

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



13151B



1B1913

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.



13160F



13151B



1A140E

Square

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



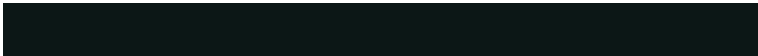
13151B



1C1314



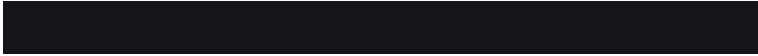
17150E



0C1716

Rectangle

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



13151B



191318



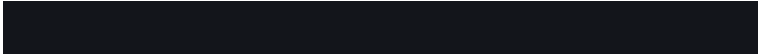
17150E



101711

Sweetspot

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



13151B



202124



131B19



101012



919191



121212

Same Dimension

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



13151B



171A24



15131B



0B0C0D



00134D



0033CC

Inverse Universe

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



1B1315



24171A



191B13



0D0B0C



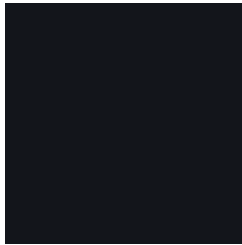
4D0013



CC0033

Previews

White Background



This preview shows how the Hex color 13151B looks on a white background.

Color Contrast Check

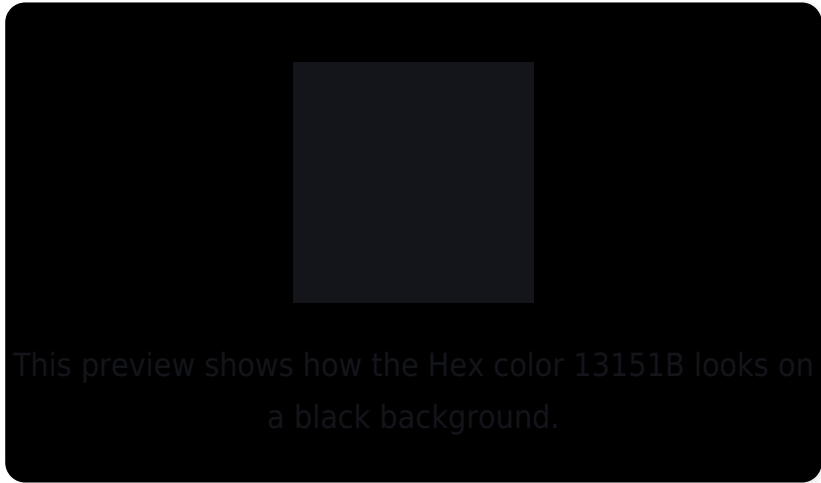
Large Text (above 18pt) WCAG AA ✓ Pass

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

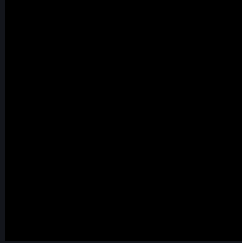
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

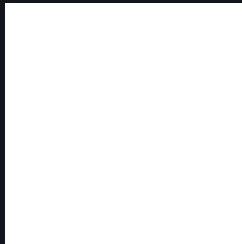
Any Text WCAG AAA × Fail

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

Hex 13151B Background



This preview shows how black text looks on a background with the Hex color 13151B.

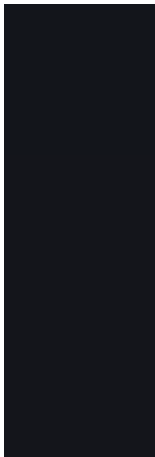


This preview shows how white text looks on a background with the Hex color 13151B.

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
13151B

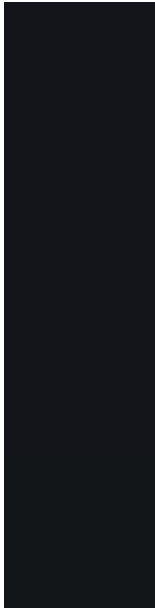
Protanopia
14151B

Deuteranopia
14151B



Tritanopia
121617

Trichromacy



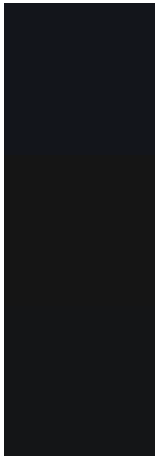
Original Color
13151B

Protanomaly
14151B

Deuteranomaly
14151B

Tritanomaly
121618

Monochromacy



Original Color
13151B

Achromatopsia
151515

Achromatomaly
141517

CSS Examples

Text

The CSS property to change the color of the text to Hex 13151B 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 #13151B looks like.

```
.text, #text, p{  
    color:#13151B  
}
```

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 #13151B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13151B
}
```

Border

The CSS property to change the border of an element to Hex 13151B 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
#13151B }
```

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

```
.border{ border-color:#13151B }
```

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

Here you see how a box with a 4 pixel #13151B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13151B; -webkit-box-shadow:4px 4px  
4px 4px #13151B; box-shadow:4px 4px 4px  
4px #13151B }
```

Background

The CSS property to change the background color of an element to Hex 13151B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13151B }
```

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

```
.background{ background-color:#13151B }
```

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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