

Converting Colors

Hex(18101B)

Have a look what the booklet for
Hex(18101B) contains.

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Color

Hex(18101B)

Conversions

Conversions Part 1

Format	Color
Hex	18101B
RGB	24, 16, 27
RGB Percent	9%, 6%, 11%
CMY	0.9059, 0.9373, 0.8941
CMYK	0.11, 0.41, 0.00, 0.89
HSL	284°, 26%, 8%
HSV	284°, 41%, 11%
XYZ	0.7598, 0.6439, 1.1211
YIQ	19.6460, 1.2370, 5.1170

Conversions

Conversions Part 2

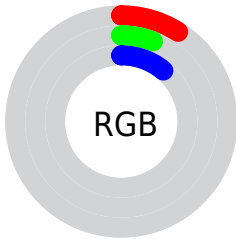
Format	Color
RYB	24, 16, 27
Decimal	1576987
CIELab	5.82, 6.05, -5.90
CIElCh	6, 8.451, 315.757
Yxy	0.6439, 0.3009, 0.2550
Android (android.graphics.Color)	4279767067 (0xFF18101B)
YUV	19.6460, 3.6255, 3.8185
Hunter-Lab	8.0244, 2.8591, -2.6668

Details

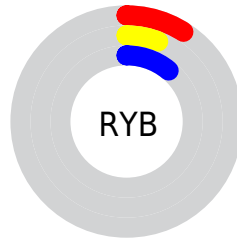
The Hex color **18101B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **131B10**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **423A46**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **170D1B**, and if you desaturate by 10%, it is **19131B**.

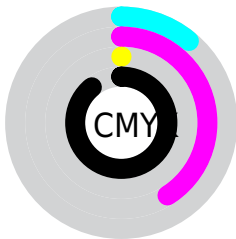
Distribution



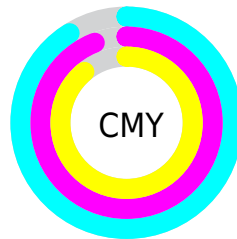
- Red (9%)
- Green (6%)
- Blue (11%)



- Red (9%)
- Yellow (6%)
- Blue (11%)



- Cyan (11%)
- Magenta (41%)
- Yellow (0%)
- Black (89%)



- Cyan (91%)
- Magenta (94%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18101B 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 18101B by changing the saturation by 10% instead.

■ 18101B

■ 18101B

■ FAF0FE

■ 000000

■ 423A46

■ 5A515E

■ 726A76

■ 8C8390

■ A69DAA

■ C1B8C6

■ DDD3E2

■ 18101B

■ 18101B

■ 170D1B

■ 19131B

■ 170B1B

■ 19151B

■ 16081B

■ 1A181B

■ 15051B

■ 1B1B1B

■ 14031B

■ 1C1D1B

■ 14001B

■ 1C201B

■ 1D231B

■ 1E261B

■ 1F281B

Harmonies

Analogous

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



10121E



18101B



1D0E16

Triad

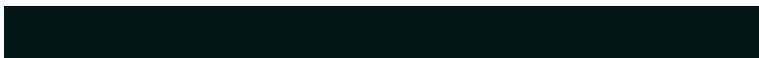
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18101B



1B1101



001716

Complementary

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



18101B



131B10

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.



02170F



18101B



151301

Square

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



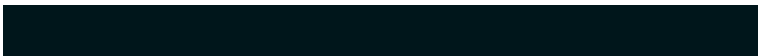
18101B



1E0F07



0C1507



00161B

Rectangle

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



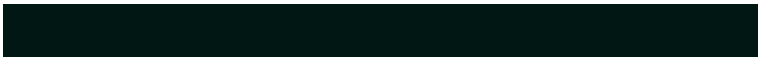
18101B



1F0E12



0C1507



001714

Sweetspot

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



18101B



231F24



10131B



110F12



919191



121212

Same Dimension

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



18101B



1F1224



1B1019



0C0B0D



38004D



9400CC

Inverse Universe

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



1B1013



241217



101B12



0D0B0C



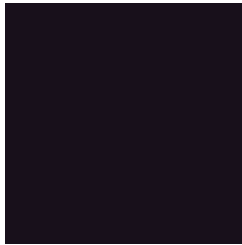
4D0015



CC0038

Previews

White Background



This preview shows how the Hex color 18101B looks on a white background.

Color Contrast Check

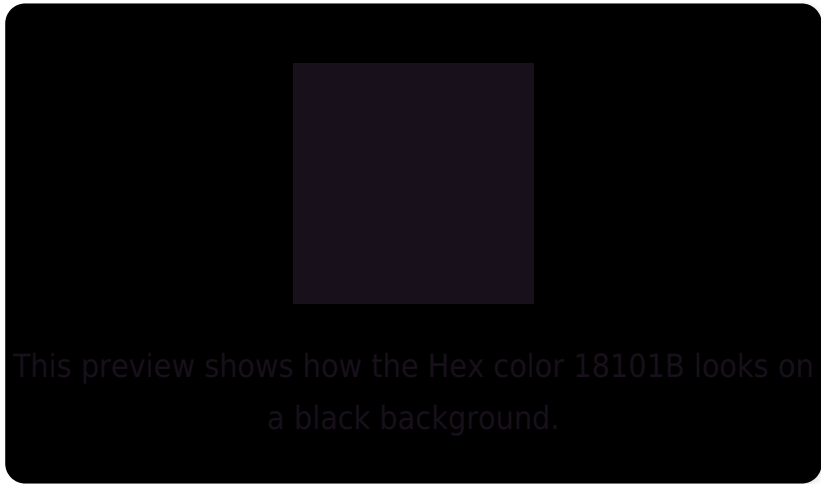
Large Text (above 18pt) WCAG AA ✓ Pass

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

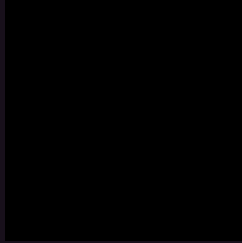
Any Text WCAG AA × Fail

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 18101B Background



This preview shows how black text looks on a background with the Hex color 18101B.



This preview shows how white text looks on a background with the Hex color 18101B.

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
18101B

Protanopia
0F131D

Deuteranopia
11131A



Tritanopia
171213

Trichromacy



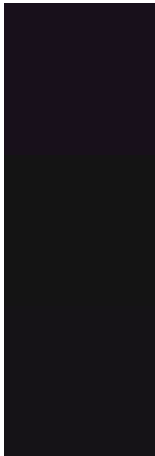
Original Color
18101B

Protanomaly
12121C

Deuteranomaly
14121A

Tritanomaly
171116

Monochromacy



Original Color
18101B

Achromatopsia
141414

Achromatomaly
151317

CSS Examples

Text

The CSS property to change the color of the text to Hex 18101B 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 #18101B looks like.

```
.text, #text, p{  
    color:#18101B  
}
```

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 #18101B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18101B
}
```

Border

The CSS property to change the border of an element to Hex 18101B is called "border". The border property can be set on classes, ids or directly on the HTML element.

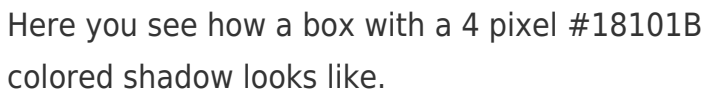
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#18101B }
```

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

```
.border{ border-color:#18101B }
```

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



Here you see how a box with a 4 pixel #18101B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18101B; -webkit-box-shadow:4px 4px  
4px 4px #18101B; box-shadow:4px 4px 4px  
4px #18101B }
```

Background

The CSS property to change the background color of an element to Hex 18101B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18101B }
```

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

```
.background{ background-color:#18101B }
```

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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