

Converting Colors

Hex(1B101A)

Have a look what the booklet for
Hex(1B101A) contains.

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Color

Hex(1B101A)

Conversions

Conversions Part 1

Format	Color
Hex	1B101A
RGB	27, 16, 26
RGB Percent	11%, 6%, 10%
CMY	0.8941, 0.9373, 0.8980
CMYK	0.00, 0.41, 0.04, 0.89
HSL	305°, 26%, 8%
HSV	305°, 41%, 11%
XYZ	0.8237, 0.6782, 1.0648
YIQ	20.4290, 3.3460, 5.4420

Conversions

Conversions Part 2

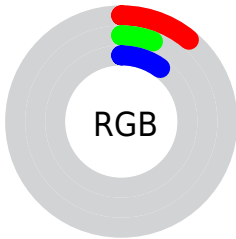
Format	Color
RYB	27, 16, 26
Decimal	1773594
CIELab	6.13, 7.34, -4.62
CIElCh	6, 8.672, 327.804
Yxy	0.6782, 0.3209, 0.2642
Android (android.graphics.Color)	4279963674 (0xFF1B101A)
YUV	20.4290, 2.7465, 5.7628
Hunter-Lab	8.2351, 3.4434, -1.9013

Details

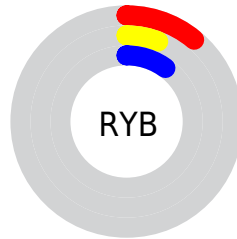
The Hex color **1B101A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **101B11**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **463A45**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1B0D1A**, and if you desaturate by 10%, it is **1B131A**.

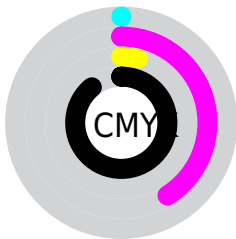
Distribution



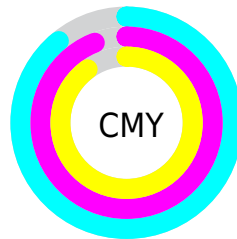
- Red (11%)
- Green (6%)
- Blue (10%)



- Red (11%)
- Yellow (6%)
- Blue (10%)



- Cyan (0%)
- Magenta (41%)
- Yellow (4%)
- Black (89%)



- Cyan (89%)
- Magenta (94%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B101A 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 1B101A by changing the saturation by 10% instead.

■ 1B101A

■ 1B101A

■ FFF0FD

■ 000000

■ 463A45

■ 5E515C

■ 766975

■ 90838F

■ AB9DA9

■ C6B8C4

■ E2D3E0

■ 1B101A

■ 1B101A

■ 1B0D1A

■ 1B131A

■ 1B0B1A

■ 1B151A

■ 1B0819

■ 1B181B

■ 1B0519

■ 1B1B1B

■ 1B0319

■ 1B1D1B

■ 1B0019

■ 1B201B

■ 1B231C

■ 1B261C

■ 1B281C

Harmonies

Analogous

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



14121E



1B101A



1F0F14

Triad

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



1B101A



1A1301



001719

Complementary

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



1B101A



101B11

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.



001713



1B101A



121503

Square

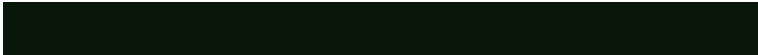
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



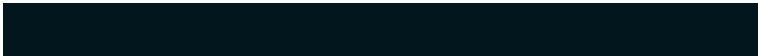
1B101A



1E1105



09170B



01161D

Rectangle

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



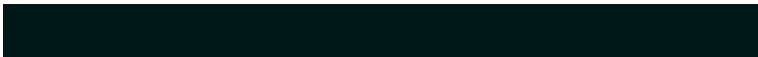
1B101A



200F0F



09170B



001717

Sweetspot

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



1B101A



241F23



11101B



120F12



919191



121212

Same Dimension

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



1B101A



241222



1B1015



0D0B0D



4D0046



CC00B9

Inverse Universe

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



1B101A



241222



101B16



0D0B0D



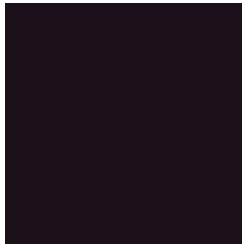
4D0046



CC00B9

Previews

White Background



This preview shows how the Hex color 1B101A looks on a white background.

Color Contrast Check

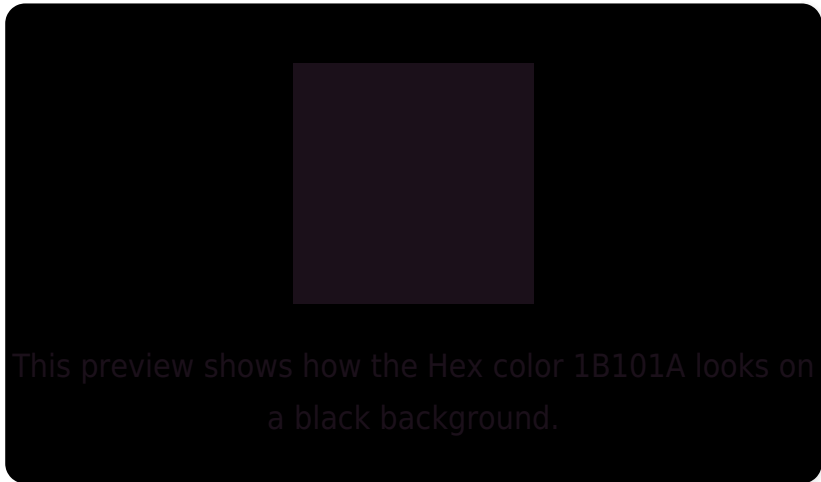
Large Text (above 18pt) WCAG AA ✓ Pass

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

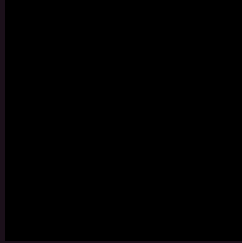
Any Text WCAG AA × Fail

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 1B101A Background



This preview shows how black text looks on a background with the Hex color 1B101A.



This preview shows how white text looks on a background with the Hex color 1B101A.

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
1B101A

Protanopia
11141D

Deuteranopia
131419



Tritanopia
1A1213

Trichromacy



Original Color

1B101A

Protanomaly

15131C

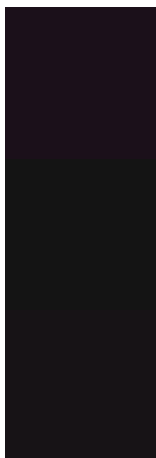
Deuteranomaly

161319

Tritanomaly

1A1116

Monochromacy



Original Color

1B101A

Achromatopsia

141414

Achromatomaly

171316

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B101A 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 #1B101A looks like.

```
.text, #text, p{  
    color:#1B101A  
}
```

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 #1B101A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B101A
}
```

Border

The CSS property to change the border of an element to Hex 1B101A 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
#1B101A }
```

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

```
.border{ border-color:#1B101A }
```

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

Here you see how a box with a 4 pixel #1B101A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B101A; -webkit-box-shadow:4px 4px  
4px 4px #1B101A; box-shadow:4px 4px 4px  
4px #1B101A }
```

Background

The CSS property to change the background color of an element to Hex 1B101A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B101A }
```

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

```
.background{ background-color:#1B101A }
```

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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