

Converting Colors

Hex(1B2106)

Have a look what the booklet for
Hex(1B2106) contains.

Hex(1B2106)	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(1B2106)

Conversions

Conversions Part 1

Format	Color
Hex	1B2106
RGB	27, 33, 6
RGB Percent	11%, 13%, 2%
CMY	0.8941, 0.8706, 0.9765
CMYK	0.18, 0.00, 0.82, 0.87
HSL	73°, 69%, 8%
HSV	73°, 82%, 13%
XYZ	1.0287, 1.3339, 0.3755
YIQ	28.1280, 5.0910, -9.6690

Conversions

Conversions Part 2

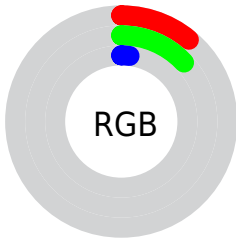
Format	Color
RYB	6, 33, 12
Decimal	1777926
CIELab	11.51, -7.98, 14.47
CIELCh	12, 16.527, 118.866
Yxy	1.3339, 0.3757, 0.4871
Android (android.graphics.Color)	4279968006 (0xFF1B2106)
YUV	28.1280, -10.9091, -0.9893
Hunter-Lab	11.5493, -4.3120, 6.1567

Details

The Hex color **1B2106** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0C0621**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **464D33**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1A2103**, and if you desaturate by 10%, it is **1C2109**.

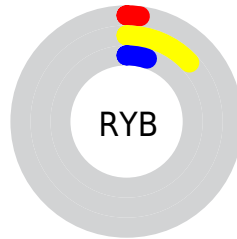
Distribution



Red (11%)

Green (13%)

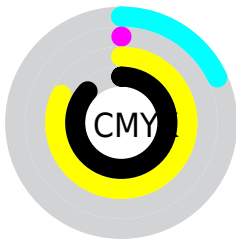
Blue (2%)



Red (2%)

Yellow (13%)

Blue (5%)

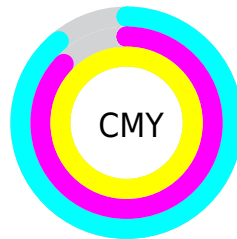


Cyan (18%)

Magenta (0%)

Yellow (82%)

Black (87%)



Cyan (89%)

Magenta (87%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B2106 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 1B2106 by changing the saturation by 10% instead.

 1B2106

 1B2106

 FFFFE7

 000A00

 464D33

 000000

 5E654A

 777E62


 91987B

 ABB395

 C7CEAF

 E3EACB

 1B2106

 1B2106

■ 1A2103

■ 1C2109

■ 1A2100

■ 1C210D

■ 1D2110

■ 1E2113

■ 1F2116

■ 1F211A

■ 20211D

■ 212120

■ 222124

Harmonies

Analogous

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



261E01



1B2106



0C2312

Triad

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



1B2106



002332



33151F

Complementary

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



1B2106



0C0621

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.



2C172A



1B2106



082035

Square

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



1B2106



002429



1F1C32



331614

Rectangle

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



1B2106



00241A



1F1C32



311523

Sweetspot

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



1B2106



292B21



210C06



151710



969696



171717

Same Dimension

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



1B2106



222B01



0E2106



0F0F0E



3D4F00



A1CF00

Inverse Universe

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



0C0621



0A012B



190621



0E0E0F



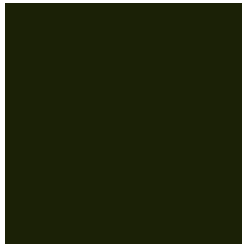
12004F



2E00CF

Previews

White Background



This preview shows how the Hex color 1B2106 looks on a white background.

Color Contrast Check

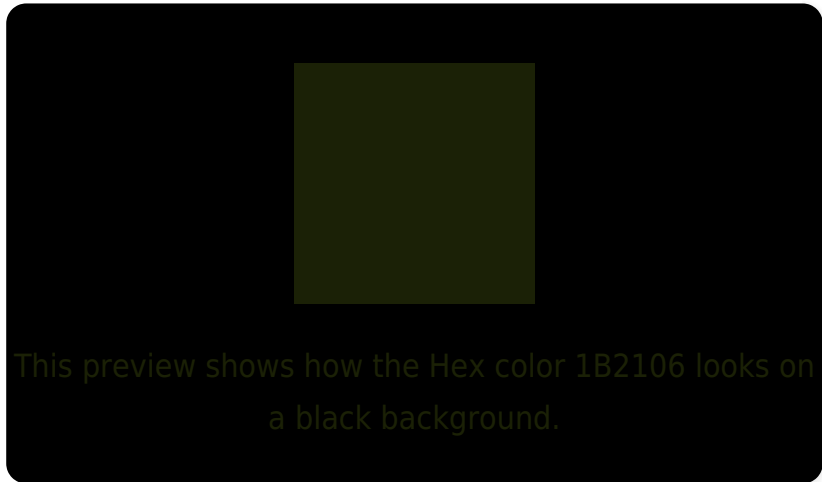
Large Text (above 18pt) WCAG AA ✓ Pass

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

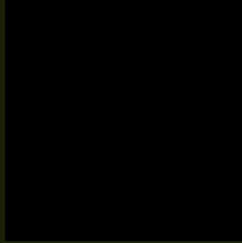
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

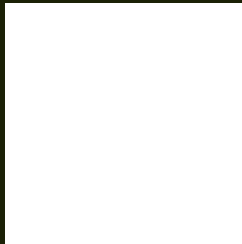
Any Text WCAG AAA × Fail

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

Hex 1B2106 Background



This preview shows how black text looks on a background with the Hex color 1B2106.

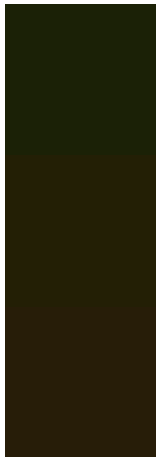


This preview shows how white text looks on a background with the Hex color 1B2106.

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
1B2106

Protanopia
231F05

Deuteranopia
271D08



Tritanopia
1E1F21

Trichromacy



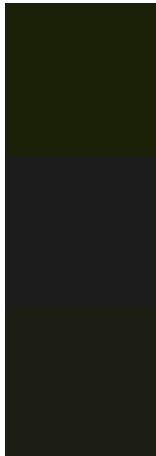
Original Color
1B2106

Protanomaly
202005

Deuteranomaly
231E07

Tritanomaly
1D2017

Monochromacy



Original Color
1B2106

Achromatopsia
1C1C1C

Achromatomaly
1C1E14

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B2106 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 #1B2106 looks like.

```
.text, #text, p{  
    color:#1B2106  
}
```

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 #1B2106 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B2106
}
```

Border

The CSS property to change the border of an element to Hex 1B2106 is called "border". The border property can be set on classes, ids or directly on the HTML element.

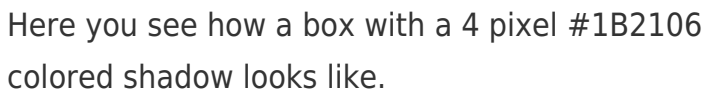
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B2106 }
```

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

```
.border{ border-color:#1B2106 }
```

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



Here you see how a box with a 4 pixel #1B2106 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B2106; -webkit-box-shadow:4px 4px  
4px 4px #1B2106; box-shadow:4px 4px 4px  
4px #1B2106 }
```

Background

The CSS property to change the background color of an element to Hex 1B2106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B2106 }
```

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

```
.background{ background-color:#1B2106 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor