

Converting Colors

Hex(1B0B28)

Have a look what the booklet for
Hex(1B0B28) contains.

Hex(1B0B28)	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(1B0B28)

Conversions

Conversions Part 1

Format	Color
Hex	1B0B28
RGB	27, 11, 40
RGB Percent	11%, 4%, 16%
CMY	0.8941, 0.9569, 0.8431
CMYK	0.33, 0.73, 0.00, 0.84
HSL	273°, 57%, 10%
HSV	273°, 72%, 16%
XYZ	0.9547, 0.6256, 2.0779
YIQ	19.0900, 0.2270, 12.4110

Conversions

Conversions Part 2

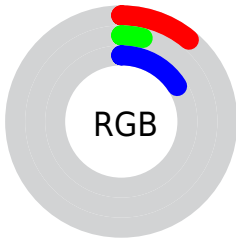
Format	Color
R_{YB}	27, 11, 40
Decimal	1772328
CIE Lab	5.65, 14.56, -16.12
CIE LCh	6, 21.719, 312.090
Yxy	0.6256, 0.2610, 0.1710
Android (android.graphics.Color)	4279962408 (0xFF1B0B28)
YUV	19.0900, 10.3086, 6.9371
Hunter-Lab	7.9092, 7.7044, -10.0402

Details

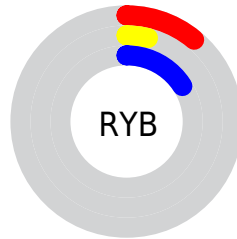
The Hex color **1B0B28** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **18280B**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **473655**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **190728**, and if you desaturate by 10%, it is **1D0F28**.

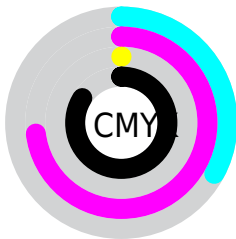
Distribution



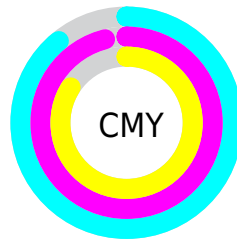
- Red (11%)
- Green (4%)
- Blue (16%)



- Red (11%)
- Yellow (4%)
- Blue (16%)



- Cyan (33%)
- Magenta (73%)
- Yellow (0%)
- Black (84%)



- Cyan (89%)
- Magenta (96%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B0B28 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 1B0B28 by changing the saturation by 10% instead.

■ 1B0B28

■ 1B0B28

■ FFEAFF

■ 000113

■ 473655

■ 000000

■ 5F4D6E

■ 786587

■ 927EA1

■ AC98BC

■ C8B3D8

■ E4CEF5

■ 1B0B28

■ 1B0B28

■ 190728

■ 1D0F28

■ 170328

■ 1F1328

■ 160028

■ 201728

■ 221B28

■ 241F28

■ 262328

■ 282728

■ 292B28

■ 2B2F28

Harmonies

Analogous

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



00122F



1B0B28



28041C

Triad

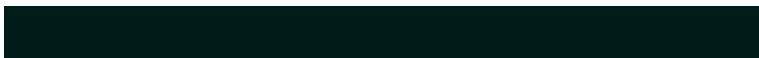
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1B0B28



210E00



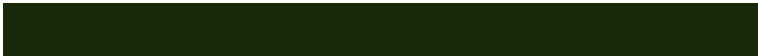
001C18

Complementary

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



1B0B28



18280B

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.



001B03



1B0B28



121400

Square

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



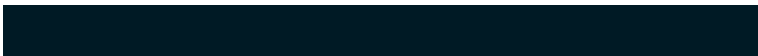
1B0B28



2A0700



001800



001A25

Rectangle

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



1B0B28



2C0312



001800



001C13

Sweetspot

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



1B0B28



2E2833



0B1828



17131A



999999



1A1A1A

Same Dimension

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



1B0B28



1F0733



280B27



131214



2E0054



7500D4

Inverse Universe

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



280B18



33071B



0B280C



141213



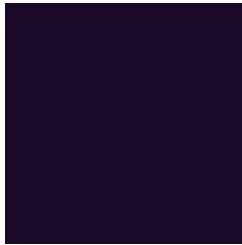
540026



D4005F

Previews

White Background



This preview shows how the Hex color 1B0B28 looks on a white background.

Color Contrast Check

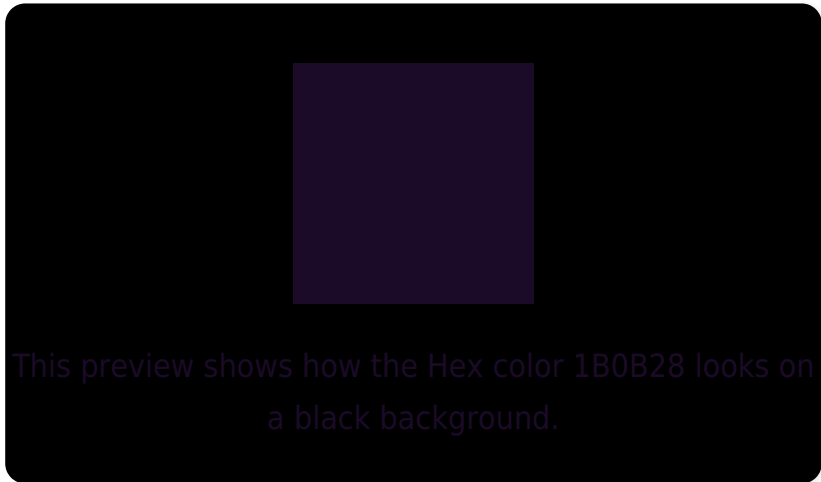
Large Text (above 18pt) WCAG AA ✓ Pass

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

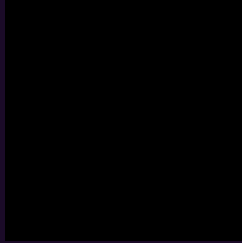
Any Text WCAG AA × Fail

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 1B0B28 Background



This preview shows how black text looks on a background with the Hex color 1B0B28.



This preview shows how white text looks on a background with the Hex color 1B0B28.

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
1B0B28

Protanopia
001328

Deuteranopia
001423



Tritanopia
171214

Trichromacy



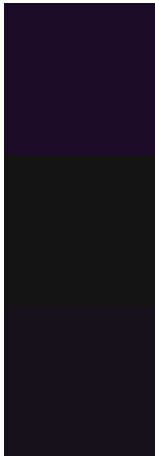
Original Color
1B0B28

Protanomaly
0A1028

Deuteranomaly
0A1125

Tritanomaly
180F1B

Monochromacy



Original Color
1B0B28

Achromatopsia
131313

Achromatomaly
16101B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B0B28 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 #1B0B28 looks like.

```
.text, #text, p{  
    color:#1B0B28  
}
```

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 #1B0B28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B0B28
}
```

Border

The CSS property to change the border of an element to Hex 1B0B28 is called "border". The border property can be set on classes, ids or directly on the HTML element.

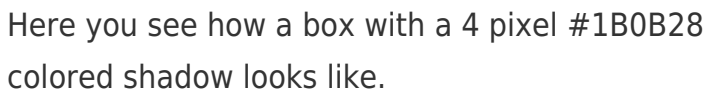
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B0B28 }
```

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

```
.border{ border-color:#1B0B28 }
```

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



Here you see how a box with a 4 pixel #1B0B28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B0B28; -webkit-box-shadow:4px 4px  
4px 4px #1B0B28; box-shadow:4px 4px 4px  
4px #1B0B28 }
```

Background

The CSS property to change the background color of an element to Hex 1B0B28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B0B28 }
```

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

```
.background{ background-color:#1B0B28 }
```

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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