

Converting Colors

Hex(0B1E29)

Have a look what the booklet for
Hex(0B1E29) contains.

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Color

Hex(0B1E29)

Conversions

Conversions Part 1

Format	Color
Hex	0B1E29
RGB	11, 30, 41
RGB Percent	4%, 12%, 16%
CMY	0.9569, 0.8824, 0.8392
CMYK	0.73, 0.27, 0.00, 0.84
HSL	202°, 58%, 10%
HSV	202°, 73%, 16%
XYZ	1.0025, 1.1598, 2.2688
YIQ	25.5730, -14.8550, -0.6070

Conversions

Conversions Part 2

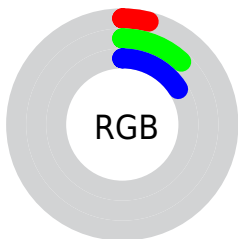
Format	Color
RYB	11, 23, 41
Decimal	728617
CIELab	10.26, -3.52, -9.76
CIElCh	10, 10.381, 250.151
Yxy	1.1598, 0.2262, 0.2617
Android (android.graphics.Color)	4278918697 (0xFF0B1E29)
YUV	25.5730, 7.6055, -12.7805
Hunter-Lab	10.7694, -2.2297, -4.9524

Details

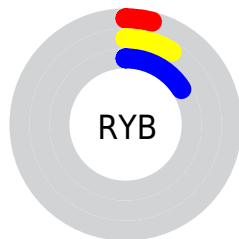
The Hex color **0B1E29** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **29160B**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **384A56**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **071C29**, and if you desaturate by 10%, it is **0F2029**.

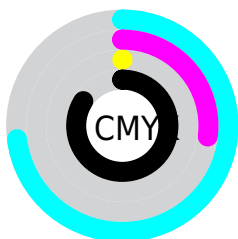
Distribution



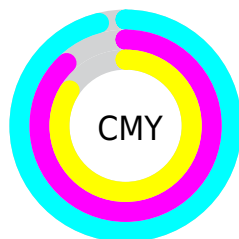
- Red (4%)
- Green (12%)
- Blue (16%)



- Red (4%)
- Yellow (9%)
- Blue (16%)



- Cyan (73%)
- Magenta (27%)
- Yellow (0%)
- Black (84%)



- Cyan (96%)
- Magenta (88%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B1E29 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 0B1E29 by changing the saturation by 10% instead.

■ 0B1E29

■ 0B1E29

■ EEEFFF

■ 000315

■ 384A56

■ 000000

■ 4F616F

■ 687A88

■ 8194A2

■ 9BAEBD

■ B6CAD9

■ D2E6F5

■ 0B1E29

■ 0B1E29

■ 071C29

■ 0F2029

■ 031B29

■ 132129

■ 001A29

■ 172329

■ 1B2429

■ 1F2629

■ 242729

■ 282929

■ 2C2A29

■ 302C29

Harmonies

Analogous

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



051F25



0B1E29



161C2A

Triad

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



0B1E29



2A171A



171E10

Complementary

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



0B1E29



29160B

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.



1F1C0C



0B1E29



291813

Square

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



0B1E29



271721



251A0D



0E1F17

Rectangle

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



0B1E29



1D1A28



251A0D



1A1E0F

Sweetspot

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



0B1E29



2A3136



0B2916



15191C



9C9C9C



1C1C1C

Same Dimension

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



0B1E29



062436



0B0F29



121414



003554



0086D4

Inverse Universe

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



290B1E



360624



29250B



141214



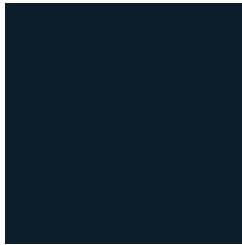
540035



D40086

Previews

White Background



This preview shows how the Hex color 0B1E29 looks on a white background.

Color Contrast Check

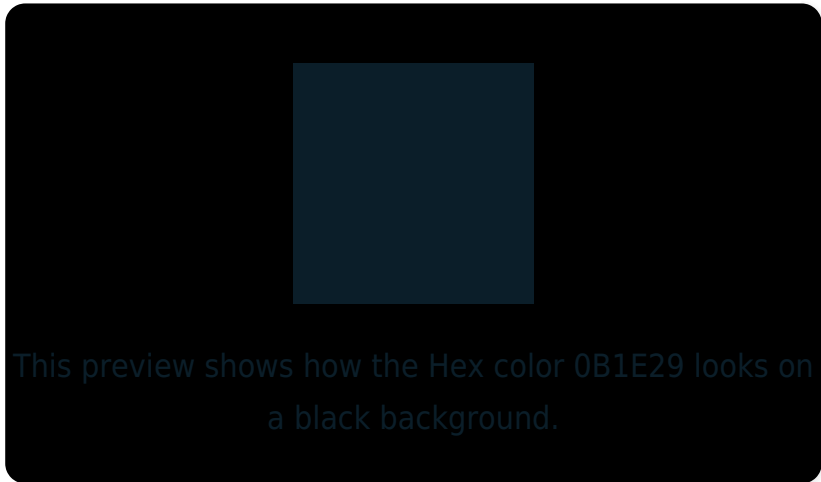
Large Text (above 18pt) WCAG AA ✓ Pass

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

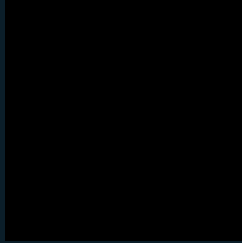
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

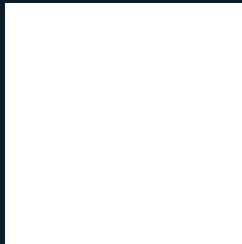
Any Text WCAG AAA × Fail

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

Hex 0B1E29 Background



This preview shows how black text looks on a background with the Hex color 0B1E29.



This preview shows how white text looks on a background with the Hex color 0B1E29.

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
0B1E29

Protanopia
191C27

Deuteranopia
171C29



Tritanopia
041F22

Trichromacy



Original Color

0B1E29

Protanomaly

141D28

Deuteranomaly

131D29

Tritanomaly

071F25

Monochromacy



Original Color

0B1E29

Achromatopsia

1A1A1A

Achromatomaly

151B1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B1E29 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 #0B1E29 looks like.

```
.text, #text, p{  
    color:#0B1E29  
}
```

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 #0B1E29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B1E29
}
```

Border

The CSS property to change the border of an element to Hex 0B1E29 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
#0B1E29 }
```

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

```
.border{ border-color:#0B1E29 }
```

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

Here you see how a box with a 4 pixel #0B1E29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B1E29; -webkit-box-shadow:4px 4px  
4px 4px #0B1E29; box-shadow:4px 4px 4px  
4px #0B1E29 }
```

Background

The CSS property to change the background color of an element to Hex 0B1E29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B1E29 }
```

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

```
.background{ background-color:#0B1E29 }
```

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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