

Converting Colors

Hex(0B0D21)

Have a look what the booklet for
Hex(0B0D21) contains.

Hex(0B0D21)	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(0B0D21)

Conversions

Conversions Part 1

Format	Color
Hex	0B0D21
RGB	11, 13, 33
RGB Percent	4%, 5%, 13%
CMY	0.9569, 0.9490, 0.8706
CMYK	0.67, 0.61, 0.00, 0.87
HSL	235°, 50%, 9%
HSV	235°, 67%, 13%
XYZ	0.5564, 0.4688, 1.5000
YIQ	14.6820, -7.6120, 5.7960

Conversions

Conversions Part 2

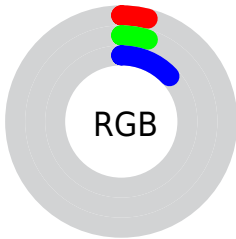
Format	Color
R_{YB}	11, 13, 33
Decimal	724257
CIE _{Lab}	4.23, 4.54, -13.06
CIE _{LCh}	4, 13.825, 289.179
Yxy	0.4688, 0.2204, 0.1856
Android (android.graphics.Color)	4278914337 (0xFF0B0D21)
YUV	14.6820, 9.0308, -3.2291
Hunter-Lab	6.8469, 2.5246, -8.1963

Details

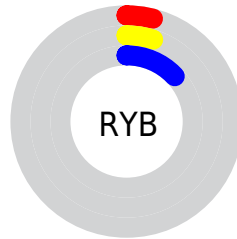
The Hex color **0B0D21** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **211F0B**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **36384D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **080A21**, and if you desaturate by 10%, it is **0E1021**.

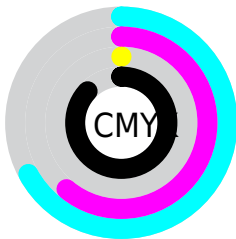
Distribution



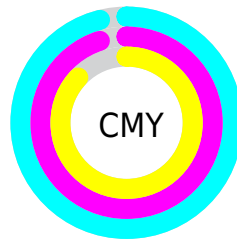
- Red (4%)
- Green (5%)
- Blue (13%)



- Red (4%)
- Yellow (5%)
- Blue (13%)



- Cyan (67%)
- Magenta (61%)
- Yellow (0%)
- Black (87%)



- Cyan (96%)
- Magenta (95%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B0D21 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 0B0D21 by changing the saturation by 10% instead.

■ 0B0D21

■ 0B0D21

■ EBEDFF

■ 000008

■ 36384D

■ 000000

■ 4D4F65

■ 65677E

■ 7E8098

■ 989AB3

■ B3B5CE

■ CFD0EB

■ 0B0D21

■ 0B0D21

■ 080A21

■ 0E1021

■ 040721

■ 121321

■ 010421

■ 151621

■ 000321

■ 181921

■ 1C1C21

■ 1F1F21

■ 222221

■ 252521

■ 292821

Harmonies

Analogous

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



001122



0B0D21



19081C

Triad

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



0B0D21



200800



001609

Complementary

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



0B0D21



211F0B

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.



001400



0B0D21



180D00

Square

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



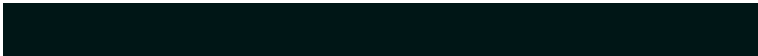
0B0D21



230505



0C1100



001616

Rectangle

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



0B0D21



1E0617



0C1100



001503

Sweetspot

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



0B0D21



23232B



0B211F



111217



969696



171717

Same Dimension

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



0B0D21



090C2B



140B21



0E0E0F



00074F



0013CF

Inverse Universe

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



210B0D



2B090C



18210B



0F0E0E



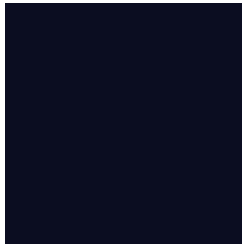
4F0007



CF0013

Previews

White Background



This preview shows how the Hex color 0B0D21 looks on a white background.

Color Contrast Check

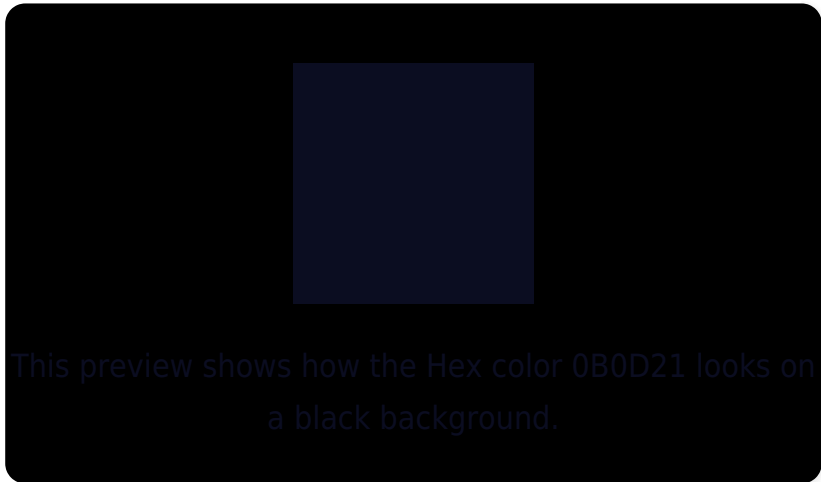
Large Text (above 18pt) WCAG AA ✓ Pass

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

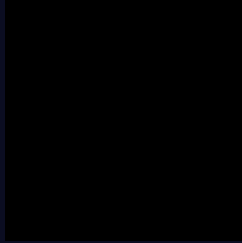
Any Text WCAG AA × Fail

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 0B0D21 Background



This preview shows how black text looks on a background with the Hex color 0B0D21.



This preview shows how white text looks on a background with the Hex color 0B0D21.

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
0B0D21

Protanopia
000F1F

Deuteranopia
00101B



Tritanopia
001112

Trichromacy



Original Color

0B0D21

Protanomaly

040E20

Deuteranomaly

040F1D

Tritanomaly

041017

Monochromacy



Original Color

0B0D21

Achromatopsia

0F0F0F

Achromatomaly

0E0E16

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B0D21 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 #0B0D21 looks like.

```
.text, #text, p{  
    color:#0B0D21  
}
```

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 #0B0D21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B0D21
}
```

Border

The CSS property to change the border of an element to Hex 0B0D21 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
#0B0D21 }
```

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

```
.border{ border-color:#0B0D21 }
```

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

Here you see how a box with a 4 pixel #0B0D21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B0D21; -webkit-box-shadow:4px 4px  
4px 4px #0B0D21; box-shadow:4px 4px 4px  
4px #0B0D21 }
```

Background

The CSS property to change the background color of an element to Hex 0B0D21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B0D21 }
```

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

```
.background{ background-color:#0B0D21 }
```

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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