

Converting Colors

Hex(0B2337)

Have a look what the booklet for
Hex(0B2337) contains.

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Color

Hex(0B2337)

Conversions

Conversions Part 1

Format	Color
Hex	0B2337
RGB	11, 35, 55
RGB Percent	4%, 14%, 22%
CMY	0.9569, 0.8627, 0.7843
CMYK	0.80, 0.36, 0.00, 0.78
HSL	207°, 67%, 13%
HSV	207°, 80%, 22%
XYZ	1.4286, 1.5490, 3.8381
YIQ	30.1040, -20.7240, 1.1320

Conversions

Conversions Part 2

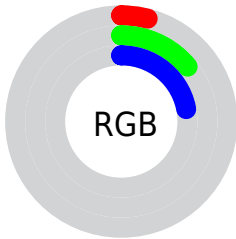
Format	Color
RYB	11, 27, 55
Decimal	729911
CIELab	12.92, -1.25, -15.72
CIELCh	13, 15.770, 265.471
Yxy	1.5490, 0.2096, 0.2273
Android (android.graphics.Color)	4278919991 (0xFF0B2337)
YUV	30.1040, 12.2737, -16.7542
Hunter-Lab	12.4461, -1.2914, -9.5716

Details

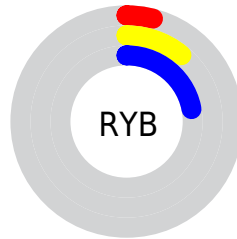
The Hex color **0B2337** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **371F0B**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **3B4F66**, and **000009** is the 20% darker color. If you saturate the color by 10%, you get **052037**, and if you desaturate by 10%, it is **112537**.

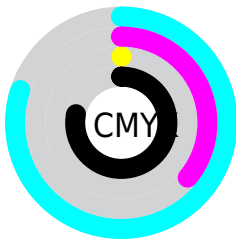
Distribution



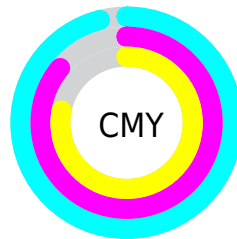
- Red (4%)
- Green (14%)
- Blue (22%)



- Red (4%)
- Yellow (11%)
- Blue (22%)



- Cyan (80%)
- Magenta (36%)
- Yellow (0%)
- Black (78%)




- Cyan (96%)
- Magenta (86%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B2337 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 0B2337 by changing the saturation by 10% instead.

 0B2337

 0B2337

 F4FFFF

 000D22


 3B4F66

 000009

 53677F

 000000

 6C8099

 869AB4

 A0B5CF

 BCD0EC

 D8EDFF

 0B2337

 0B2337

■ 052037

■ 112537

■ 001E37

■ 162837

■ 1C2A37

■ 212D37

■ 272F37

■ 2C3237

■ 323537

■ 373737

■ 3D3A37

Harmonies

Analogous

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



002633



0B2337



201F35

Triad

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



0B2337



361919



122615

Complementary

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



0B2337



371F0B

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.



1F240B



0B2337



321C0F

Square

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



0B2337



351923



2A2008



01271F

Rectangle

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



0B2337



2A1C31



2A2008



162511

Sweetspot

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



0B2337



364047



0B371F



191F24



A3A3A3



242424

Same Dimension

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



0B2337



032847



0B0D37



191B1C



00325C



0078DB

Inverse Universe

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



370B23



470328



37350B



1C191B



5C0032



DB0078

Previews

White Background



This preview shows how the Hex color 0B2337 looks on a white background.

Color Contrast Check

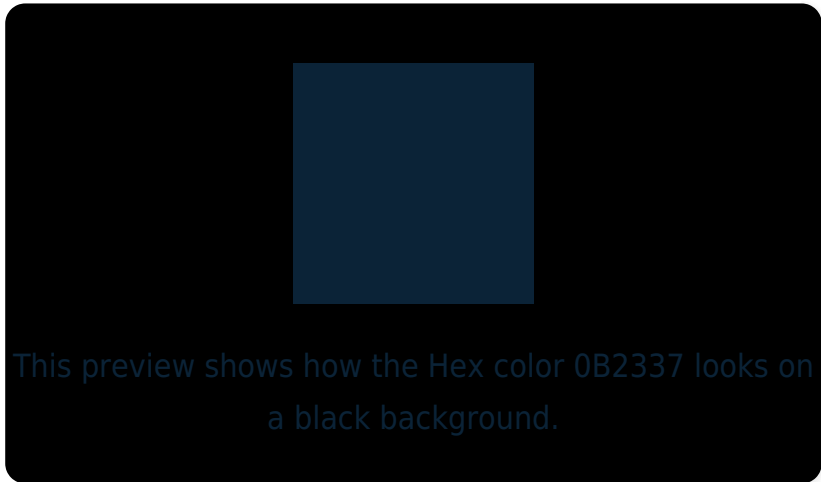
Large Text (above 18pt) WCAG AA ✓ Pass

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

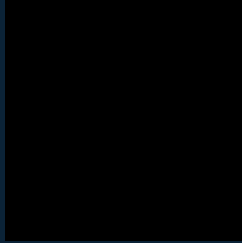
Any Text WCAG AA × Fail

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 0B2337 Background



This preview shows how black text looks on a background with the Hex color 0B2337.



This preview shows how white text looks on a background with the Hex color 0B2337.

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
0B2337

Protanopia
1A2135

Deuteranopia
142237

Trichromacy



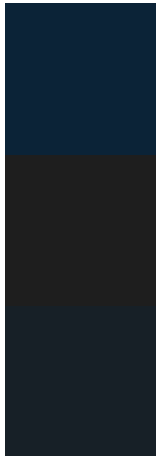
Original Color
0B2337

Protanomaly
152236

Deuteranomaly
112237

Tritanomaly
04242D

Monochromacy



Original Color
0B2337

Achromatopsia
1E1E1E

Achromatomaly
172027

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B2337 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 #0B2337 looks like.

```
.text, #text, p{  
    color:#0B2337  
}
```

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 #0B2337 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B2337
}
```

Border

The CSS property to change the border of an element to Hex 0B2337 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
#0B2337 }
```

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

```
.border{ border-color:#0B2337 }
```

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

Here you see how a box with a 4 pixel #0B2337 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B2337; -webkit-box-shadow:4px 4px  
4px 4px #0B2337; box-shadow:4px 4px 4px  
4px #0B2337 }
```

Background

The CSS property to change the background color of an element to Hex 0B2337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B2337 }
```

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

```
.background{ background-color:#0B2337 }
```

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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