

Converting Colors

Hex(0B2853)

Have a look what the booklet for
Hex(0B2853) contains.

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Color

Hex(0B2853)

Conversions

Conversions Part 1

Format	Color
Hex	0B2853
RGB	11, 40, 83
RGB Percent	4%, 16%, 33%
CMY	0.9569, 0.8431, 0.6745
CMYK	0.87, 0.52, 0.00, 0.67
HSL	216°, 77%, 18%
HSV	216°, 87%, 33%
XYZ	2.4581, 2.2133, 8.4813
YIQ	36.2310, -31.0870, 7.2250

Conversions

Conversions Part 2

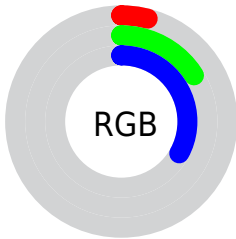
Format	Color
R_{YB}	11, 32, 83
Decimal	731219
CIE Lab	16.57, 7.48, -29.26
CIE LCh	17, 30.202, 284.339
Yxy	2.2133, 0.1869, 0.1683
Android (android.graphics.Color)	4278921299 (0xFF0B2853)
YUV	36.2310, 23.0571, -22.1276
Hunter-Lab	14.8770, 3.4588, -23.3867

Details

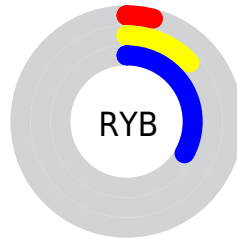
The Hex color **0B2853** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **53360B**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **435585**, and **000226** is the 20% darker color. If you saturate the color by 10%, you get **032353**, and if you desaturate by 10%, it is **132D53**.

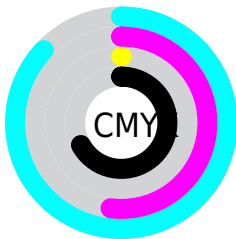
Distribution



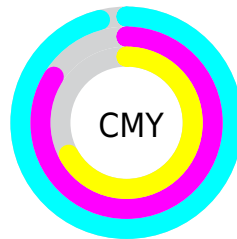
- Red (4%)
- Green (16%)
- Blue (33%)



- Red (4%)
- Yellow (13%)
- Blue (33%)



- Cyan (87%)
- Magenta (52%)
- Yellow (0%)
- Black (67%)



- Cyan (96%)
- Magenta (84%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B2853 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 0B2853 by changing the saturation by 10% instead.

■ 0B2853

■ 0B2853

FFFFFF

■ 00143C

■ 435585

■ 000226

■ 5D6D9F

■ 00010E

■ 7786BA

■ 000000

■ 91A0D6

■ ADBBF3

■ C9D7FF

■ E5F3FF

■ 0B2853

■ 0B2853

■ 032353

■ 132D53

■ 002153

■ 1C3253

■ 243753

■ 2C3C53

■ 354153

■ 3D4653

■ 454B53

■ 4D5053

■ 565553

Harmonies

Analogous

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



002F53



0B2853



371E48

Triad

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



0B2853



4A1A09



00321D

Complementary

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



0B2853



53360B

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.



103004



0B2853



3D2400

Square

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



0B2853



4F1220



2B2B00



003333

Rectangle

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



0B2853



45173C



2B2B00



003115

Sweetspot

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



0B2853



4F5A6B



0B5335



252C36



B5B5B5



363636

Same Dimension

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



0B2853



002B6B



110B53



252629



002A69



005DE8

Inverse Universe

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



530B28



6B002B



4D530B



292526



69002A



E8005D

Previews

White Background



This preview shows how the Hex color 0B2853 looks on a white background.

Color Contrast Check

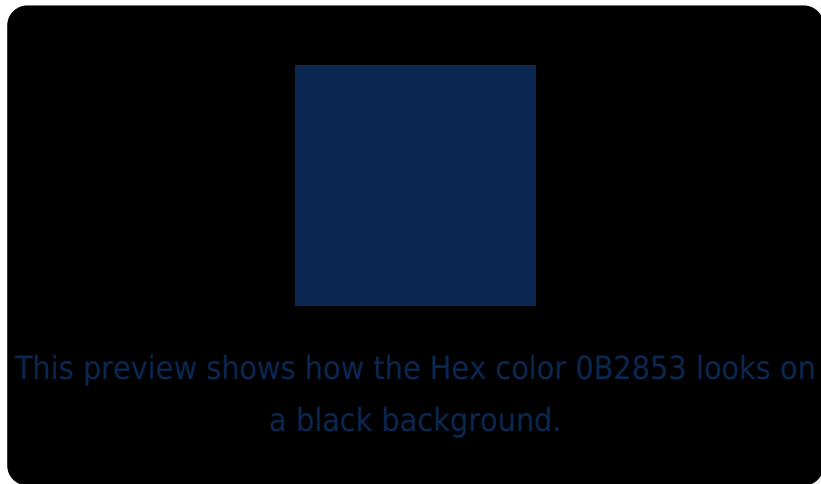
Large Text (above 18pt) WCAG AA ✓ Pass

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

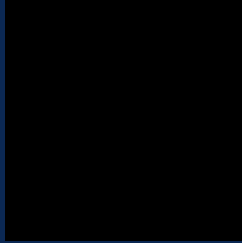
Any Text WCAG AA × Fail

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 0B2853 Background



This preview shows how black text looks on a background with the Hex color 0B2853.



This preview shows how white text looks on a background with the Hex color 0B2853.

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
0B2853

Protanopia
0C2853

Deuteranopia
002A4A

Trichromacy



Original Color
0B2853

Protanomaly
0C2853

Deuteranomaly
04294D

Tritanomaly
042C3D

Monochromacy



Original Color
0B2853

Achromatopsia
242424

Achromatomaly
1B2535

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B2853 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 #0B2853 looks like.

```
.text, #text, p{  
    color:#0B2853  
}
```

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 #0B2853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B2853
}
```

Border

The CSS property to change the border of an element to Hex 0B2853 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
#0B2853 }
```

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

```
.border{ border-color:#0B2853 }
```

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

Here you see how a box with a 4 pixel #0B2853 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B2853; -webkit-box-shadow:4px 4px  
4px 4px #0B2853; box-shadow:4px 4px 4px  
4px #0B2853 }
```

Background

The CSS property to change the background color of an element to Hex 0B2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B2853 }
```

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

```
.background{ background-color:#0B2853 }
```

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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