

Converting Colors

Hex(0B2D53)

Have a look what the booklet for
Hex(0B2D53) contains.

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Color

Hex(0B2D53)

Conversions

Conversions Part 1

Format	Color
Hex	0B2D53
RGB	11, 45, 83
RGB Percent	4%, 18%, 33%
CMY	0.9569, 0.8235, 0.6745
CMYK	0.87, 0.46, 0.00, 0.67
HSL	212°, 77%, 18%
HSV	212°, 87%, 33%
XYZ	2.6377, 2.5725, 8.5411
YIQ	39.1660, -32.4620, 4.6100

Conversions

Conversions Part 2

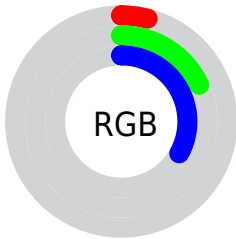
Format	Color
R_{YB}	11, 34, 83
Decimal	732499
CIE _{Lab}	18.24, 3.78, -26.57
CIE _{LCh}	18, 26.842, 278.095
Yxy	2.5725, 0.1918, 0.1871
Android (android.graphics.Color)	4278922579 (0xFF0B2D53)
YUV	39.1660, 21.6102, -24.7016
Hunter-Lab	16.0389, 1.2878, -20.3463

Details

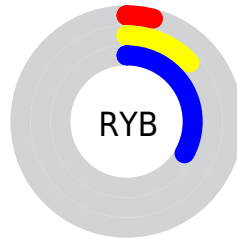
The Hex color **0B2D53** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **53310B**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **435A85**, and **000226** is the 20% darker color. If you saturate the color by 10%, you get **032953**, and if you desaturate by 10%, it is **133153**.

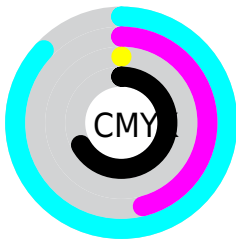
Distribution



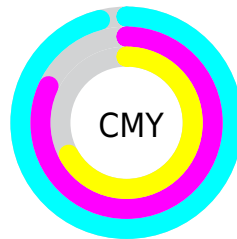
- Red (4%)
- Green (18%)
- Blue (33%)



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



- Cyan (87%)
- Magenta (46%)
- Yellow (0%)
- Black (67%)



- Cyan (96%)
- Magenta (82%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B2D53 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 0B2D53 by changing the saturation by 10% instead.

0B2D53

0B2D53

FFFFFF

00193C

435A85

000226

5C739F

00010F

768CBA

000000

91A6D6

ADC1F2

C8DDFF

E5FAFF

0B2D53

0B2D53

■ 032953

■ 133153

■ 002753

■ 1C3653

■ 243A53

■ 2C3F53

■ 354353

■ 3D4753

■ 454C53

■ 4D5053

■ 565453

Harmonies

Analogous

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



003250



0B2D53



34254B

Triad

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



0B2D53



4D1E16



00351D

Complementary

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



0B2D53



53310B

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.



1D320B



0B2D53



422604

Square

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



0B2D53



501A28



322D00



003631

Rectangle

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



0B2D53



431F41



322D00



073417

Sweetspot

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



0B2D53



4F5C6B



0B5330



252D36



B5B5B5



363636

Same Dimension

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



0B2D53



00336B



0C0B53



252729



003169



006EE8

Inverse Universe

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



530B2D



6B0033



52530B



292527



690031



E8006E

Previews

White Background



This preview shows how the Hex color 0B2D53 looks on a white background.

Color Contrast Check

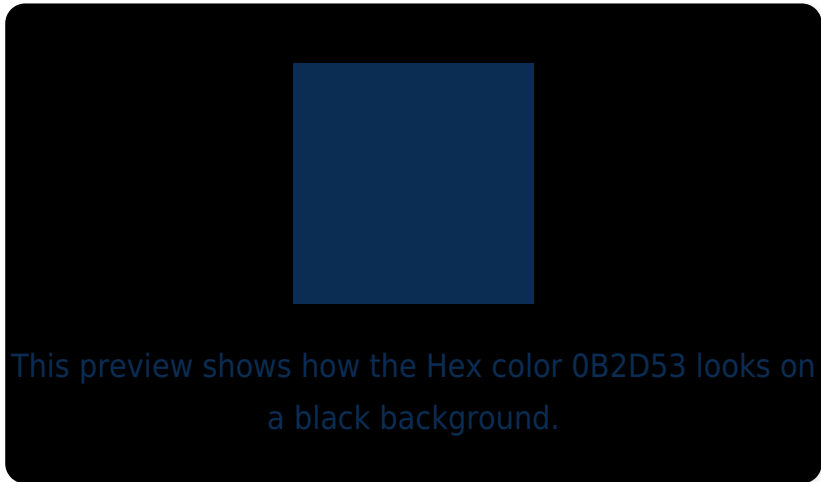
Large Text (above 18pt) WCAG AA ✓ Pass

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

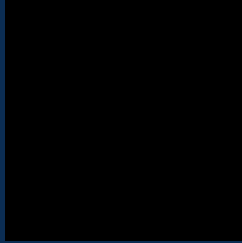
Any Text WCAG AA × Fail

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 0B2D53 Background



This preview shows how black text looks on a background with the Hex color 0B2D53.



This preview shows how white text looks on a background with the Hex color 0B2D53.

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
0B2D53

Protanopia
1A2C52

Deuteranopia
002E51

Trichromacy



Original Color
0B2D53

Protanomaly
152C52

Deuteranomaly
042E52

Tritanomaly
043040

Monochromacy



Original Color
0B2D53

Achromatopsia
272727

Achromatomaly
1D2937

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B2D53 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 #0B2D53 looks like.

```
.text, #text, p{  
    color:#0B2D53  
}
```

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 #0B2D53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B2D53
}
```

Border

The CSS property to change the border of an element to Hex 0B2D53 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
#0B2D53 }
```

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

```
.border{ border-color:#0B2D53 }
```

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

Here you see how a box with a 4 pixel #0B2D53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B2D53; -webkit-box-shadow:4px 4px  
4px 4px #0B2D53; box-shadow:4px 4px 4px  
4px #0B2D53 }
```

Background

The CSS property to change the background color of an element to Hex 0B2D53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B2D53 }
```

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

```
.background{ background-color:#0B2D53 }
```

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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