

Converting Colors

Hex(0D2533)

Have a look what the booklet for
Hex(0D2533) contains.

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Color

Hex(0D2533)

Conversions

Conversions Part 1

Format	Color
Hex	0D2533
RGB	13, 37, 51
RGB Percent	5%, 15%, 20%
CMY	0.9490, 0.8549, 0.8000
CMYK	0.75, 0.27, 0.00, 0.80
HSL	202°, 59%, 13%
HSV	202°, 75%, 20%
XYZ	1.4251, 1.6477, 3.3749
YIQ	31.4200, -18.7980, -0.7340

Conversions

Conversions Part 2

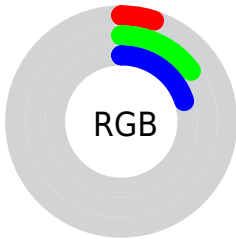
Format	Color
R_{YB}	13, 28, 51
Decimal	861491
CIE _{Lab}	13.52, -3.94, -11.93
CIE _{LCh}	14, 12.565, 251.728
Yxy	1.6477, 0.2210, 0.2556
Android (android.graphics.Color)	4279051571 (0xFF0D2533)
YUV	31.4200, 9.6529, -16.1543
Hunter-Lab	12.8363, -2.6466, -6.6029

Details

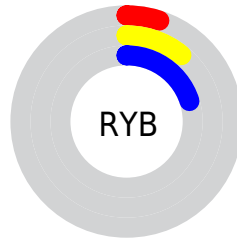
The Hex color **0D2533** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **331B0D**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **3C5261**, and **000002** is the 20% darker color. If you saturate the color by 10%, you get **082333**, and if you desaturate by 10%, it is **122733**.

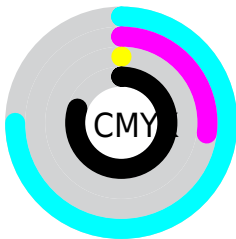
Distribution



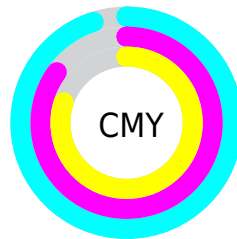
- Red (5%)
- Green (15%)
- Blue (20%)



- Red (5%)
- Yellow (11%)
- Blue (20%)



- Cyan (75%)
- Magenta (27%)
- Yellow (0%)
- Black (80%)



- Cyan (95%)
- Magenta (85%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D2533 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 0D2533 by changing the saturation by 10% instead.

0D2533

0D2533

F4FFFF

00101E

3C5261

000002

536A7A

000000

6C8394

869DAF

A1B8CA

BCD3E6

D8F0FF

0D2533

0D2533

■ 082333

■ 122733

■ 032133

■ 172933

■ 002033

■ 1C2B33

■ 212D33

■ 262E33

■ 2C3033

■ 313233

■ 363433

■ 3B3633

Harmonies

Analogous

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



03272E



0D2533



1C2234

Triad

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



0D2533



341C1F



1B2515

Complementary

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



0D2533



331B0D

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.



252311



0D2533



321D17

Square

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



0D2533



301D28



2D2012



11271D

Rectangle

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



0D2533



242031



2D2012



1F2513

Sweetspot

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



0D2533



343D42



0D331B



191E21



A1A1A1



212121

Same Dimension

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



0D2533



072D42



0D1233



17191A



003859



0089D9

Inverse Universe

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



330D25



42072D



332E0D



1A1719



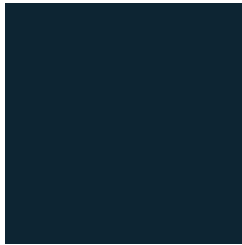
590038



D90089

Previews

White Background



This preview shows how the Hex color 0D2533 looks on a white background.

Color Contrast Check

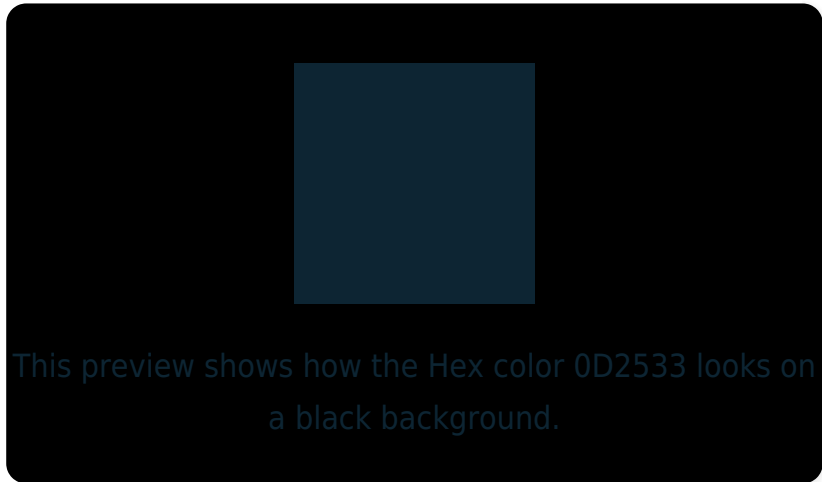
Large Text (above 18pt) WCAG AA ✓ Pass

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

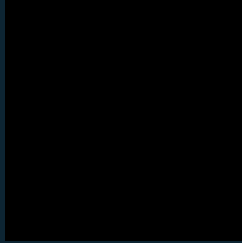
Any Text WCAG AA × Fail

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 0D2533 Background



This preview shows how black text looks on a background with the Hex color 0D2533.



This preview shows how white text looks on a background with the Hex color 0D2533.

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
0D2533

Protanopia
1E2231

Deuteranopia
1B2334



Tritanopia
00272A

Trichromacy



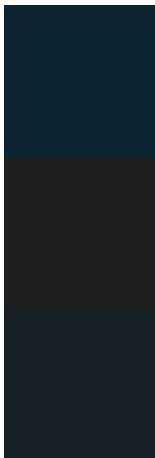
Original Color
0D2533

Protanomaly
182332

Deuteranomaly
162434

Tritanomaly
05262D

Monochromacy



Original Color
0D2533

Achromatopsia
1F1F1F

Achromatomaly
182126

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D2533 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 #0D2533 looks like.

```
.text, #text, p{  
    color:#0D2533  
}
```

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 #0D2533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D2533
}
```

Border

The CSS property to change the border of an element to Hex 0D2533 is called "border". The border property can be set on classes, ids or directly on the HTML element.

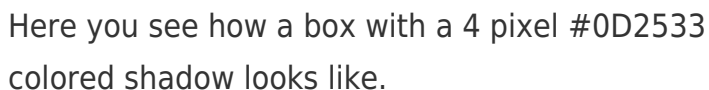
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D2533 }
```

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

```
.border{ border-color:#0D2533 }
```

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



Here you see how a box with a 4 pixel #0D2533 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D2533; -webkit-box-shadow:4px 4px  
4px 4px #0D2533; box-shadow:4px 4px 4px  
4px #0D2533 }
```

Background

The CSS property to change the background color of an element to Hex 0D2533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D2533 }
```

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

```
.background{ background-color:#0D2533 }
```

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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