

Converting Colors

Hex(0D435B)

Have a look what the booklet for
Hex(0D435B) contains.

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Color

Hex(0D435B)

Conversions

Conversions Part 1

Format	Color
Hex	0D435B
RGB	13, 67, 91
RGB Percent	5%, 26%, 36%
CMY	0.9490, 0.7373, 0.6431
CMYK	0.86, 0.26, 0.00, 0.64
HSL	198°, 75%, 20%
HSV	198°, 86%, 36%
XYZ	4.0615, 4.8552, 10.6206
YIQ	53.5900, -39.8880, -3.9840

Conversions

Conversions Part 2

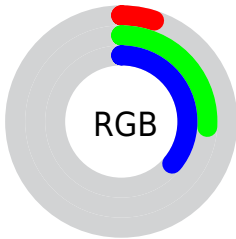
Format	Color
R_{YB}	13, 45, 91
Decimal	869211
CIE _{Lab}	26.32, -7.60, -19.10
CIE _{LCh}	26, 20.559, 248.299
Yxy	4.8552, 0.2079, 0.2485
Android (android.graphics.Color)	4279059291 (0xFF0D435B)
YUV	53.5900, 18.4431, -35.5974
Hunter-Lab	22.0345, -5.6589, -13.1535

Details

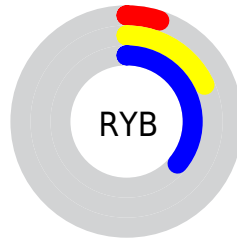
The Hex color **0D435B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5B250D**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **47738D**, and **00192D** is the 20% darker color. If you saturate the color by 10%, you get **04405B**, and if you desaturate by 10%, it is **16465B**.

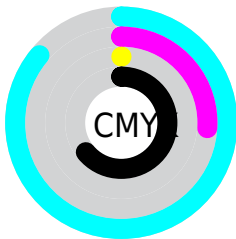
Distribution



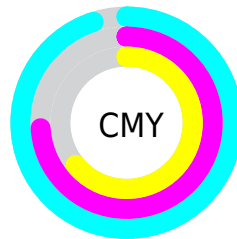
- Red (5%)
- Green (26%)
- Blue (36%)



- Red (5%)
- Yellow (18%)
- Blue (36%)



- Cyan (86%)
- Magenta (26%)
- Yellow (0%)
- Black (64%)



- Cyan (95%)
- Magenta (74%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D435B 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 0D435B by changing the saturation by 10% instead.

0D435B

0D435B

FFFFFF

002D43

47738D

00192D

618CA8

000119

7BA7C3

000000

96C2DF

B2DEFC

CEFAFF

EBFFFF

0D435B

0D435B

■ 04405B

■ 16465B

■ 003F5B

■ 1F495B

■ 284B5B

■ 314E5B

■ 3B515B

■ 44545B

■ 4D575B

■ 56595B

■ 5F5C5B

Harmonies

Analogous

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



004651



0D435B



2E3E5D

Triad

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



0D435B



5C323A



334325

Complementary

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



0D435B



5B250D

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.



443F1F



0D435B



5A342C

Square

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



0D435B



55344A



523921



1F4632

Rectangle

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



0D435B



3F3B5A



523921



394222

Sweetspot

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



0D435B



576C75



0D5B24



28353B



BABABA



3B3B3B

Same Dimension

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



0D435B



005175



0D1D5B



292C2E



004C6E



00A4ED

Inverse Universe

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



5B0D43



750051



5B4B0D



2E292C



6E004C



ED00A4

Previews

White Background



This preview shows how the Hex color 0D435B looks on a white background.

Color Contrast Check

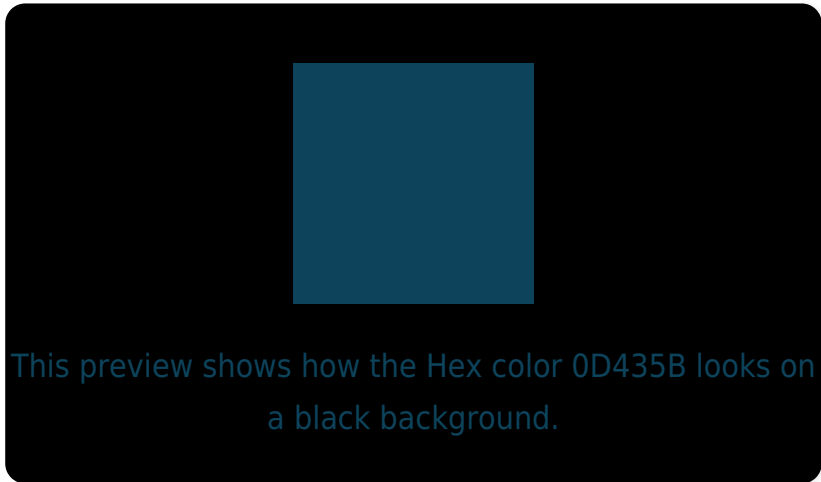
Large Text (above 18pt) WCAG AA ✓ Pass

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

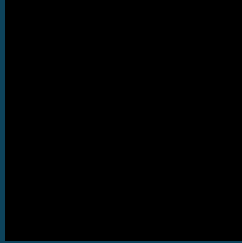
Any Text WCAG AA × Fail

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 0D435B Background



This preview shows how black text looks on a background with the Hex color 0D435B.



This preview shows how white text looks on a background with the Hex color 0D435B.

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
0D435B

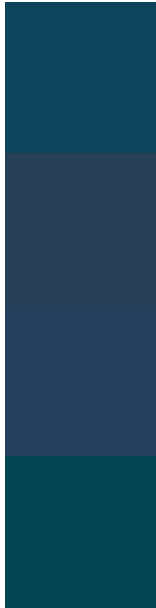
Protanopia
373D57

Deuteranopia
313E5C



Tritanopia
00454B

Trichromacy



Original Color
0D435B

Protanomaly
283F58

Deuteranomaly
24405C

Tritanomaly
054451

Monochromacy



Original Color
0D435B

Achromatopsia
363636

Achromatomaly
273B43

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D435B 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 #0D435B looks like.

```
.text, #text, p{  
    color:#0D435B  
}
```

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 #0D435B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D435B
}
```

Border

The CSS property to change the border of an element to Hex 0D435B 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
#0D435B }
```

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

```
.border{ border-color:#0D435B }
```

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

Here you see how a box with a 4 pixel #0D435B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D435B; -webkit-box-shadow:4px 4px  
4px 4px #0D435B; box-shadow:4px 4px 4px  
4px #0D435B }
```

Background

The CSS property to change the background color of an element to Hex 0D435B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D435B }
```

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

```
.background{ background-color:#0D435B }
```

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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