

Converting Colors

Hex(0D394D)

Have a look what the booklet for
Hex(0D394D) contains.

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Color

Hex(0D394D)

Conversions

Conversions Part 1

Format	Color
Hex	0D394D
RGB	13, 57, 77
RGB Percent	5%, 22%, 30%
CMY	0.9490, 0.7765, 0.6980
CMYK	0.83, 0.26, 0.00, 0.70
HSL	199°, 71%, 18%
HSV	199°, 83%, 30%
XYZ	2.9687, 3.5476, 7.5495
YIQ	46.1240, -32.6440, -3.1080

Conversions

Conversions Part 2

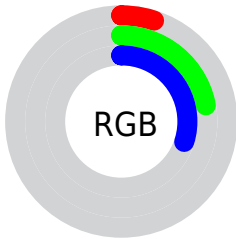
Format	Color
RYB	13, 39, 77
Decimal	866637
CIELab	22.12, -6.83, -16.45
CIElCh	22, 17.809, 247.450
Yxy	3.5476, 0.2111, 0.2522
Android (android.graphics.Color)	4279056717 (0xFF0D394D)
YUV	46.1240, 15.2219, -29.0497
Hunter-Lab	18.8352, -4.8277, -10.5799

Details

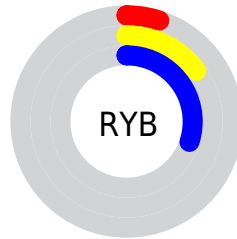
The Hex color **0D394D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4D210D**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **43687E**, and **000E21** is the 20% darker color. If you saturate the color by 10%, you get **05374D**, and if you desaturate by 10%, it is **153B4D**.

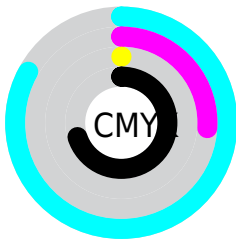
Distribution



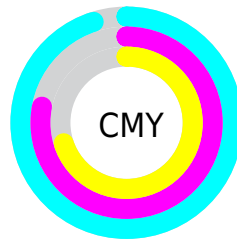
- Red (5%)
- Green (22%)
- Blue (30%)



- Red (5%)
- Yellow (15%)
- Blue (30%)



- Cyan (83%)
- Magenta (26%)
- Yellow (0%)
- Black (70%)



- Cyan (95%)
- Magenta (78%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D394D 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 0D394D by changing the saturation by 10% instead.

0D394D

0D394D

FFFFFF

002436

43687E

000E21

5C8198

000007

769BB3

000000

90B6CE

ACD1EB

C8EEFF

E4FFFF

0D394D

0D394D

■ 05374D

■ 153B4D

■ 00354D

■ 1C3E4D

■ 24404D

■ 2C434D

■ 33454D

■ 3B474D

■ 434A4D

■ 4B4C4D

■ 524F4D

Harmonies

Analogous

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



003B45



0D394D



27354F

Triad

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



0D394D



4E2A32



2C391F

Complementary

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



0D394D



4D210D

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.



3A351A



0D394D



4D2C26

Square

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



0D394D



482C3F



46311D



1B3B2A

Rectangle

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



0D394D



35324C



46311D



31381D

Sweetspot

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



0D394D



4B5C63



0D4D20



242E33



B3B3B3



333333

Same Dimension

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



0D394D



004463



0D1A4D



222526



004666



009EE6

Inverse Universe

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



4D0D39



630044



4D400D



262225



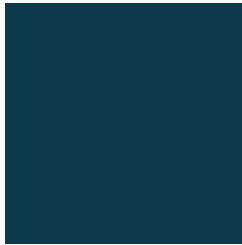
660046



E6009E

Previews

White Background



This preview shows how the Hex color 0D394D looks on a white background.

Color Contrast Check

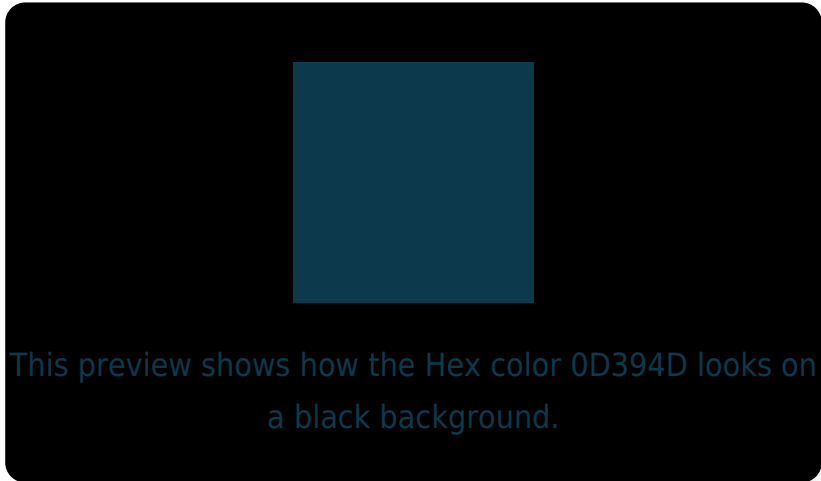
Large Text (above 18pt) WCAG AA ✓ Pass

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

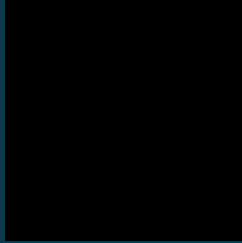
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

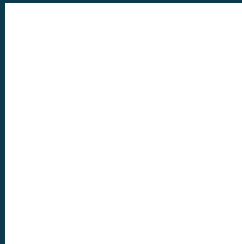
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0D394D Background



This preview shows how black text looks on a background with the Hex color 0D394D.



This preview shows how white text looks on a background with the Hex color 0D394D.

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
0D394D

Protanopia
2F3449

Deuteranopia
2A354E



Tritanopia
003B40

Trichromacy



Original Color
0D394D

Protanomaly
23364A

Deuteranomaly
1F364E

Tritanomaly
053A45

Monochromacy



Original Color
0D394D

Achromatopsia
2E2E2E

Achromatomaly
223239

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D394D 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 #0D394D looks like.

```
.text, #text, p{  
    color:#0D394D  
}
```

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 #0D394D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D394D
}
```

Border

The CSS property to change the border of an element to Hex 0D394D 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
#0D394D }
```

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

```
.border{ border-color:#0D394D }
```

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

Here you see how a box with a 4 pixel #0D394D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D394D; -webkit-box-shadow:4px 4px  
4px 4px #0D394D; box-shadow:4px 4px 4px  
4px #0D394D }
```

Background

The CSS property to change the background color of an element to Hex 0D394D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D394D }
```

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

```
.background{ background-color:#0D394D }
```

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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