

Converting Colors

Hex(04103D)

Have a look what the booklet for
Hex(04103D) contains.

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Color

Hex(04103D)

Conversions

Conversions Part 1

Format	Color
Hex	04103D
RGB	4, 16, 61
RGB Percent	2%, 6%, 24%
CMY	0.9843, 0.9373, 0.7608
CMYK	0.93, 0.74, 0.00, 0.76
HSL	227°, 88%, 13%
HSV	227°, 93%, 24%
XYZ	1.0777, 0.7333, 4.4996
YIQ	17.5420, -21.5970, 11.4510

Conversions

Conversions Part 2

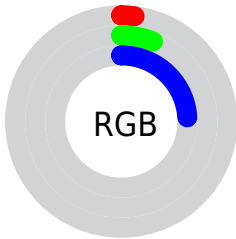
Format	Color
RYB	4, 14, 61
Decimal	266301
CIELab	6.62, 14.81, -30.14
CIELCh	7, 33.582, 296.169
Yxy	0.7333, 0.1708, 0.1162
Android (android.graphics.Color)	4278456381 (0xFF04103D)
YUV	17.5420, 21.4248, -11.8763
Hunter-Lab	8.5634, 7.4775, -25.1595

Details

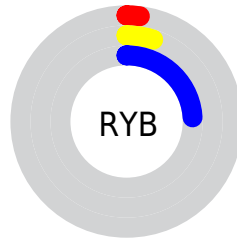
The Hex color **04103D** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3D3104**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **393A6D**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **000D3D**, and if you desaturate by 10%, it is **0A153D**.

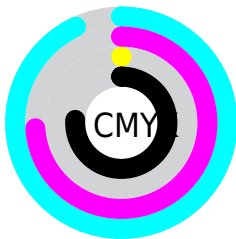
Distribution



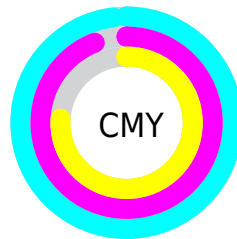
- Red (2%)
- Green (6%)
- Blue (24%)



- Red (2%)
- Yellow (5%)
- Blue (24%)



- Cyan (93%)
- Magenta (74%)
- Yellow (0%)
- Black (76%)



- Cyan (98%)
- Magenta (94%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04103D 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 04103D by changing the saturation by 10% instead.

■ 04103D

■ 04103D

■ F5EEFF

■ 000227

■ 393A6D

■ 000110

■ 525087

■ 000000

■ 6B69A1

■ 8682BC

■ A09CD8

■ BCB6F5

■ D8D2FF

■ 04103D

■ 04103D

■ 000D3D

■ 0A153D

■ 101A3D

■ 161E3D

■ 1C233D

■ 22283D

■ 292D3D

■ 2F323D

■ 35373D

■ 3B3B3D

Harmonies

Analogous

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



001942



04103D



2B012E

Triad

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



04103D



2E0700



001F10

Complementary

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



04103D



3D3104

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.



001F00



04103D



1E1300

Square

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



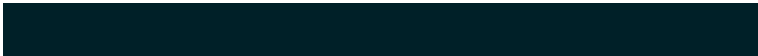
04103D



380000



001A00



002028

Rectangle

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



04103D



350020



001A00



001F03

Sweetspot

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



04103D



393E4F



043D31



1B1E29



A8A8A8



292929

Same Dimension

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



04103D



00114F



14043D



1C1C1F



00145E



002FDE

Inverse Universe

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



3D0410



4F0011



2D3D04



1F1C1C



5E0014



DE002F

Previews

White Background



This preview shows how the Hex color 04103D looks on a white background.

Color Contrast Check

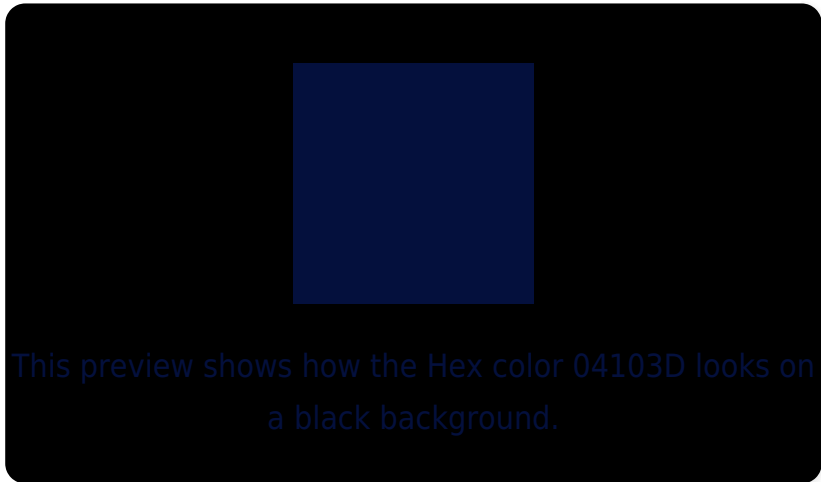
Large Text (above 18pt) WCAG AA ✓ Pass

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

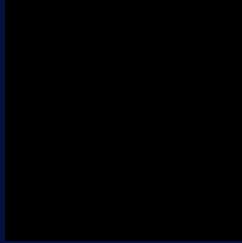
Any Text WCAG AA × Fail

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 04103D Background



This preview shows how black text looks on a background with the Hex color 04103D.



This preview shows how white text looks on a background with the Hex color 04103D.

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
04103D

Protanopia
00162D

Deuteranopia
001727



Tritanopia
00191A

Trichromacy



Original Color
04103D

Protanomaly
011433

Deuteranomaly
01142F

Tritanomaly
011627

Monochromacy



Original Color
04103D

Achromatopsia
121212

Achromatomaly
0D1122

CSS Examples

Text

The CSS property to change the color of the text to Hex 04103D 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 #04103D looks like.

```
.text, #text, p{  
    color:#04103D  
}
```

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 #04103D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04103D
}
```

Border

The CSS property to change the border of an element to Hex 04103D is called "border". The border property can be set on classes, ids or directly on the HTML element.

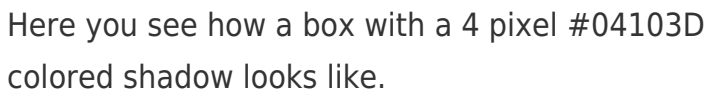
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#04103D }
```

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

```
.border{ border-color:#04103D }
```

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



Here you see how a box with a 4 pixel #04103D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04103D; -webkit-box-shadow:4px 4px  
4px 4px #04103D; box-shadow:4px 4px 4px  
4px #04103D }
```

Background

The CSS property to change the background color of an element to Hex 04103D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04103D }
```

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

```
.background{ background-color:#04103D }
```

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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