

Converting Colors

Hex(07414E)

Have a look what the booklet for
Hex(07414E) contains.

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Color

Hex(07414E)

Conversions

Conversions Part 1

Format	Color
Hex	07414E
RGB	7, 65, 78
RGB Percent	3%, 25%, 31%
CMY	0.9725, 0.7451, 0.6941
CMYK	0.91, 0.17, 0.00, 0.69
HSL	191°, 84%, 17%
HSV	191°, 91%, 31%
XYZ	3.3531, 4.3758, 7.8756
YIQ	49.1400, -38.7410, -8.2530

Conversions

Conversions Part 2

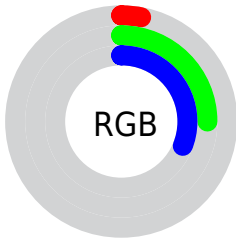
Format	Color
R_YB	7, 39, 78
Decimal	475470
CIE _{Lab}	24.88, -12.21, -12.85
CIE _{LCh}	25, 17.727, 226.474
Yxy	4.3758, 0.2149, 0.2804
Android (android.graphics.Color)	4278665550 (0xFF07414E)
YUV	49.1400, 14.2280, -36.9568
Hunter-Lab	20.9185, -7.9952, -7.6792

Details

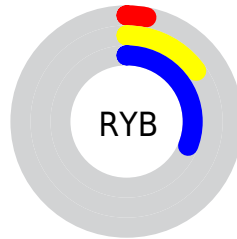
The Hex color **07414E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4E1407**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **41717F**, and **001722** is the 20% darker color. If you saturate the color by 10%, you get **00404E**, and if you desaturate by 10%, it is **0F424E**.

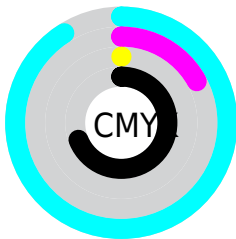
Distribution



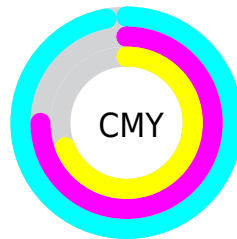
- Red (3%)
- Green (25%)
- Blue (31%)



- Red (3%)
- Yellow (15%)
- Blue (31%)



- Cyan (91%)
- Magenta (17%)
- Yellow (0%)
- Black (69%)



- Cyan (97%)
- Magenta (75%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07414E 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 07414E by changing the saturation by 10% instead.

07414E

07414E

FFFFFF

002B37

41717F

001722

5B8A99

00000A

75A5B4

000000

90C0CF

ABDCEC

C7F8FF

E3FFFF

07414E

07414E

■ 00404E

■ 0F424E

■ 17444E

■ 1E454E

■ 26474E

■ 2E484E

■ 364A4E

■ 3E4B4E

■ 454C4E

■ 4D4E4E

Harmonies

Analogous

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



0A4242



07414E



1D3E55

Triad

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



07414E



513142



3D3D21

Complementary

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



07414E



4E1407

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.



493821



07414E



553134

Square

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



07414E



46354E



523428



2D4028

Rectangle

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



07414E



2D3B55



523428



413B20

Sweetspot

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



07414E



4A6166



074E13



233033



B3B3B3



333333

Same Dimension

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



07414E



005366



071F4E



222626



00BBE6

Inverse Universe

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



4E0741



660053



4E3607



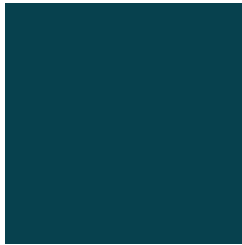
262226



E600BB

Previews

White Background



This preview shows how the Hex color 07414E 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

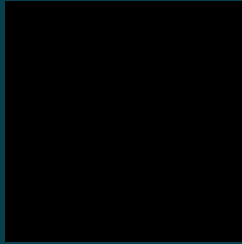
Any Text WCAG AA × Fail

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 07414E Background



This preview shows how black text looks on a background with the Hex color 07414E.



This preview shows how white text looks on a background with the Hex color 07414E.

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

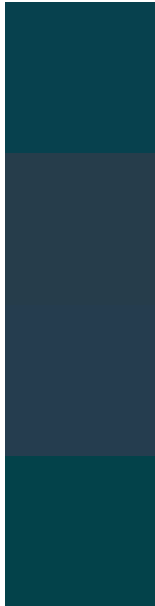


Original Color
07414E

Protanopia
383B49

Deuteranopia
363A50

Trichromacy



Original Color
07414E

Protanomaly
263D4B

Deuteranomaly
253D4F

Tritanomaly
03424A

Monochromacy



Original Color
07414E

Achromatopsia
313131

Achromatomaly
22373C

CSS Examples

Text

The CSS property to change the color of the text to Hex 07414E 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 #07414E looks like.

```
.text, #text, p{  
    color:#07414E  
}
```

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 #07414E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07414E
}
```

Border

The CSS property to change the border of an element to Hex 07414E is called "border". The border property can be set on classes, ids or directly on the HTML element.

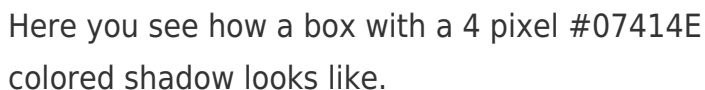
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#07414E }
```

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

```
.border{ border-color:#07414E }
```

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



Here you see how a box with a 4 pixel #07414E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07414E; -webkit-box-shadow:4px 4px  
4px 4px #07414E; box-shadow:4px 4px 4px  
4px #07414E }
```

Background

The CSS property to change the background color of an element to Hex 07414E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07414E }
```

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

```
.background{ background-color:#07414E }
```

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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