

Converting Colors

Hex(04404C)

Have a look what the booklet for
Hex(04404C) contains.

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Color

Hex(04404C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 04404C |
| RGB | 4, 64, 76 |
| RGB Percent | 2%, 25%, 30% |
| CMY | 0.9843, 0.7490, 0.7020 |
| CMYK | 0.95, 0.16, 0.00, 0.70 |
| HSL | 190°, 90%, 16% |
| HSV | 190°, 95%, 30% |
| XYZ | 3.1880, 4.2144, 7.4829 |
| YIQ | 47.4280, -39.6120, -8.9880 |

Conversions

Conversions Part 2

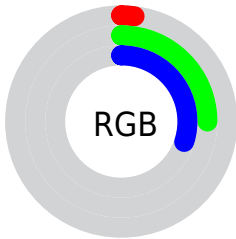
| Format | Color |
|-------------------------------------|-------------------------------|
| R_YB | 4, 37, 76 |
| Decimal | 278604 |
| CIE Lab | 24.37, -12.75, -12.32 |
| CIE LCh | 24, 17.732, 224.019 |
| Yxy | 4.2144, 0.2142, 0.2831 |
| Android (android.graphics.Color) | 4278468684 (0xFF04404C) |
| YUV | 47.4280, 14.0860, -38.0864 |
| Hunter-Lab | 20.5290, -8.2063, -7.2411 |

Details

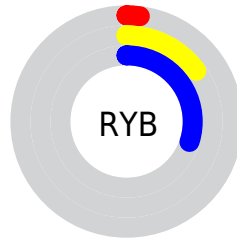
The Hex color **04404C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4C1004**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **3F707D**, and **001620** is the 20% darker color. If you saturate the color by 10%, you get **003F4C**, and if you desaturate by 10%, it is **0C414C**.

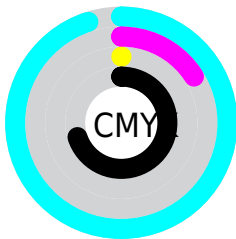
Distribution



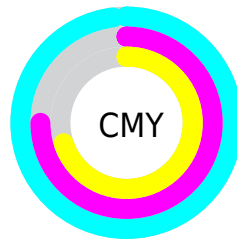
- Red (2%)
- Green (25%)
- Blue (30%)



- Red (2%)
- Yellow (15%)
- Blue (30%)



- Cyan (95%)
- Magenta (16%)
- Yellow (0%)
- Black (70%)



- Cyan (98%)
- Magenta (75%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04404C 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 04404C by changing the saturation by 10% instead.

04404C

04404C

FEFFFF

002A35

3F707D

001620

598997

000006

73A4B1

000000

8EBFCD

A9DBE9

C5F7FF

E1FFFF

04404C

04404C

■ 003F4C

■ 0C414C

■ 13434C

■ 1B444C

■ 22454C

■ 2A464C

■ 32484C

■ 39494C

■ 414A4C

■ 484B4C

Harmonies

Analogous

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



094140



04404C



1A3D53

Triad

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



04404C



4F3042



3C3B20

Complementary

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



04404C



4C1004

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.



493720



04404C



543034

Square

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



04404C



43344D



513228



2E3F26

Rectangle

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



04404C



2A3B54



513228



413A1F

Sweetspot

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



04404C



485F63



044C10



223033



B3B3B3



333333

Same Dimension

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



04404C



005363



041C4C



222626



005566



00BFE6

Inverse Universe

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



4C0440



630053



4C3404



262226



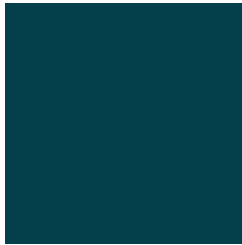
660055



E600BF

Previews

White Background



This preview shows how the Hex color 04404C looks on a white background.

Color Contrast Check

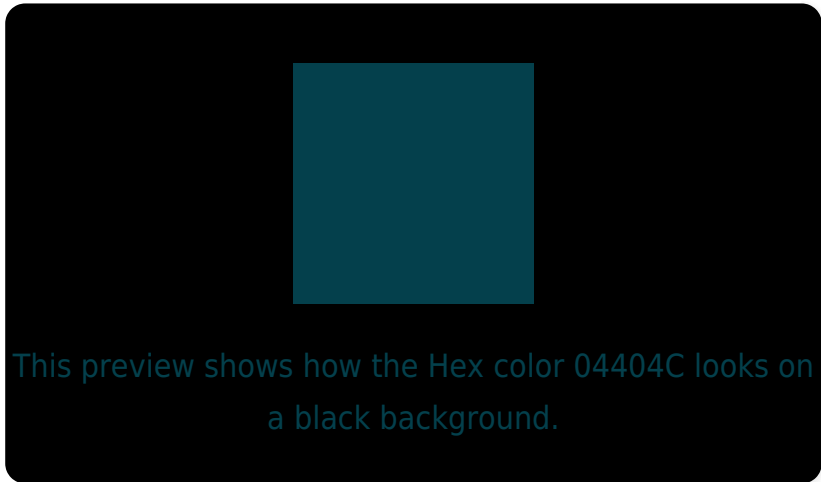
Large Text (above 18pt) WCAG AA ✓ Pass

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

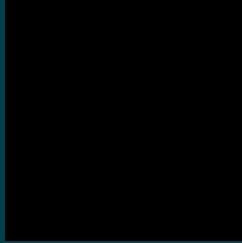
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

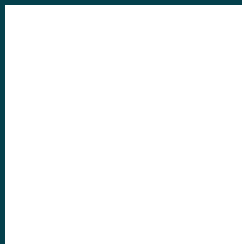
Any Text WCAG AAA × Fail

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

Hex 04404C Background



This preview shows how black text looks on a background with the Hex color 04404C.



This preview shows how white text looks on a background with the Hex color 04404C.

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

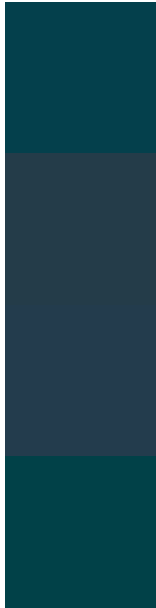


Original Color
04404C

Protanopia
373A47

Deuteranopia
35394E

Trichromacy



Original Color
04404C

Protanomaly
243C49

Deuteranomaly
233C4D

Tritanomaly
014148

Monochromacy



Original Color
04404C

Achromatopsia
2F2F2F

Achromatomaly
1F353A

CSS Examples

Text

The CSS property to change the color of the text to Hex 04404C 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 #04404C looks like.

```
.text, #text, p{  
    color:#04404C  
}
```

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 #04404C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04404C
}
```

Border

The CSS property to change the border of an element to Hex 04404C is called "border". The border property can be set on classes, ids or directly on the HTML element.

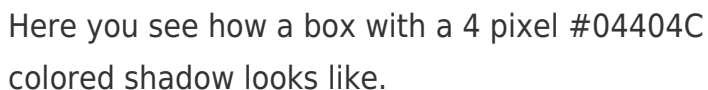
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#04404C }
```

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

```
.border{ border-color:#04404C }
```

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



Here you see how a box with a 4 pixel #04404C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04404C; -webkit-box-shadow:4px 4px  
4px 4px #04404C; box-shadow:4px 4px 4px  
4px #04404C }
```

Background

The CSS property to change the background color of an element to Hex 04404C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04404C }
```

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

```
.background{ background-color:#04404C }
```

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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