

Converting Colors

Hex(10404A)

Have a look what the booklet for
Hex(10404A) contains.

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Color

Hex(10404A)

Conversions

Conversions Part 1

Format	Color
Hex	10404A
RGB	16, 64, 74
RGB Percent	6%, 25%, 29%
CMY	0.9373, 0.7490, 0.7098
CMYK	0.78, 0.14, 0.00, 0.71
HSL	190°, 64%, 18%
HSV	190°, 78%, 29%
XYZ	3.2831, 4.2714, 7.1300
YIQ	50.7880, -31.8180, -7.0660

Conversions

Conversions Part 2

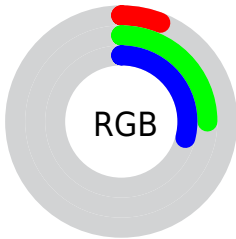
Format	Color
R_{YB}	16, 42, 74
Decimal	1065034
CIE _{Lab}	24.55, -11.94, -10.70
CIE _{LCh}	25, 16.036, 221.860
Yxy	4.2714, 0.2236, 0.2909
Android (android.graphics.Color)	4279255114 (0xFF10404A)
YUV	50.7880, 11.4435, -30.5091
Hunter-Lab	20.6673, -7.8120, -5.9873

Details

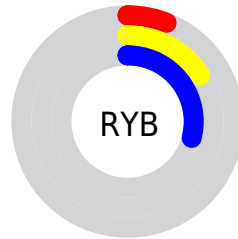
The Hex color **10404A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4A1A10**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **44707B**, and **00161E** is the 20% darker color. If you saturate the color by 10%, you get **093F4A**, and if you desaturate by 10%, it is **17414A**.

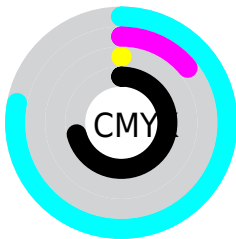
Distribution



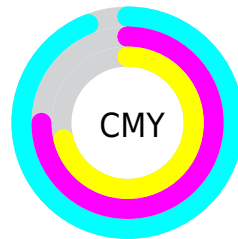
- Red (6%)
- Green (25%)
- Blue (29%)



- Red (6%)
- Yellow (16%)
- Blue (29%)



- Cyan (78%)
- Magenta (14%)
- Yellow (0%)
- Black (71%)



- Cyan (94%)
- Magenta (75%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10404A 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 10404A by changing the saturation by 10% instead.

■ 10404A

■ 10404A

FFFFFF

■ 002A33

■ 44707B

■ 00161E

■ 5E8994

■ 000003

■ 78A4AF

■ 000000

■ 92BFCA

■ ADDBE7

■ C9F7FF

■ E6FFFF

■ 10404A

■ 10404A

■ 093F4A

■ 17414A

■ 013D4A

■ 1F434A

■ 003D4A

■ 26444A

■ 2E454A

■ 35464A

■ 3C484A

■ 44494A

■ 4B4A4A

■ 534B4A

Harmonies

Analogous

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



14413F



10404A



1E3E51

Triad

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



10404A



4D3242



3E3B22

Complementary

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



10404A



4A1A10

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.



493724



10404A



523136

Square

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



10404A



42354C



50332B



303E28

Rectangle

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



10404A



2B3B52



50332B



423A22

Sweetspot

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



10404A



4A5D61



104A1A



222E30



B0B0B0



303030

Same Dimension

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



10404A



065161



10234A



222626



005466



00BEE6

Inverse Universe

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



4A1040



610651



4A3710



262226



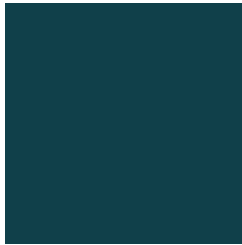
660054



E600BE

Previews

White Background



This preview shows how the Hex color 10404A looks on a white background.

Color Contrast Check

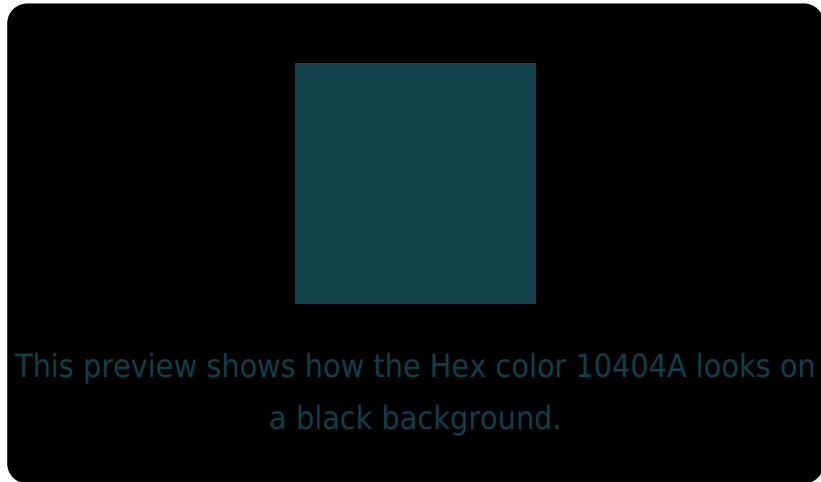
Large Text (above 18pt) WCAG AA ✓ Pass

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

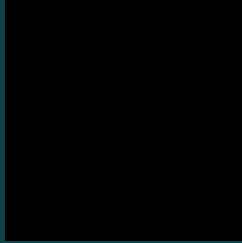
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

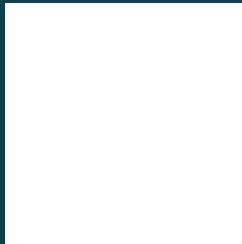
Any Text WCAG AAA × Fail

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

Hex 10404A Background



This preview shows how black text looks on a background with the Hex color 10404A.



This preview shows how white text looks on a background with the Hex color 10404A.

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](#).

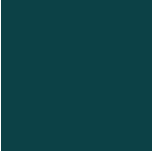
Dichromacy



Original Color
10404A

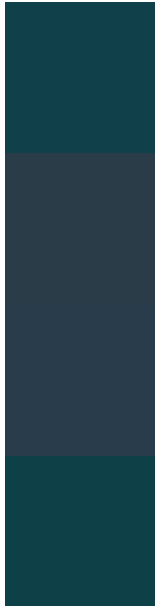
Protanopia
383A46

Deuteranopia
37394C



Tritanopia
0C4146

Trichromacy



Original Color
10404A

Protanomaly
293C47

Deuteranomaly
293C4B

Tritanomaly
0D4147

Monochromacy



Original Color
10404A

Achromatopsia
333333

Achromatomaly
26383B

CSS Examples

Text

The CSS property to change the color of the text to Hex 10404A 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 #10404A looks like.

```
.text, #text, p{  
    color:#10404A  
}
```

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 #10404A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10404A
}
```

Border

The CSS property to change the border of an element to Hex 10404A 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
#10404A }
```

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

```
.border{ border-color:#10404A }
```

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

Here you see how a box with a 4 pixel #10404A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10404A; -webkit-box-shadow:4px 4px  
4px 4px #10404A; box-shadow:4px 4px 4px  
4px #10404A }
```

Background

The CSS property to change the background color of an element to Hex 10404A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10404A }
```

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

```
.background{ background-color:#10404A }
```

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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