

Converting Colors

Hex(16404F)

Have a look what the booklet for
Hex(16404F) contains.

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Color

Hex(16404F)

Conversions

Conversions Part 1

Format	Color
Hex	16404F
RGB	22, 64, 79
RGB Percent	9%, 25%, 31%
CMY	0.9137, 0.7490, 0.6902
CMYK	0.72, 0.19, 0.00, 0.69
HSL	196°, 56%, 20%
HSV	196°, 72%, 31%
XYZ	3.5756, 4.4019, 8.0583
YIQ	53.1520, -29.8470, -4.2390

Conversions

Conversions Part 2

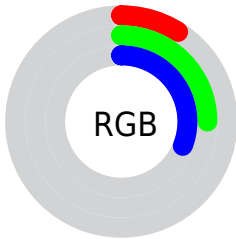
Format	Color
R _Y B	22, 46, 79
Decimal	1458255
CIE Lab	24.96, -9.01, -13.35
CIE LCh	25, 16.107, 235.997
Yxy	4.4019, 0.2230, 0.2745
Android (android.graphics.Color)	4279648335 (0xFF16404F)
YUV	53.1520, 12.7431, -27.3203
Hunter-Lab	20.9807, -6.2959, -8.0859

Details

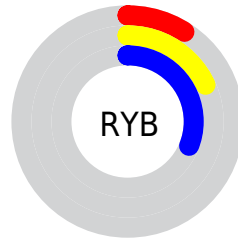
The Hex color **16404F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4F2516**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **497080**, and **001623** is the 20% darker color. If you saturate the color by 10%, you get **0E3E4F**, and if you desaturate by 10%, it is **1E424F**.

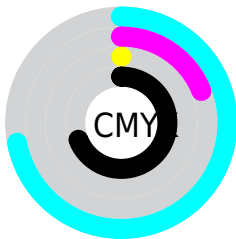
Distribution



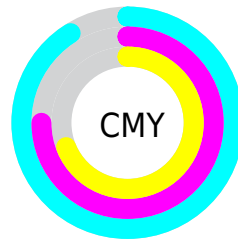
- Red (9%)
- Green (25%)
- Blue (31%)



- Red (9%)
- Yellow (18%)
- Blue (31%)



- Cyan (72%)
- Magenta (19%)
- Yellow (0%)
- Black (69%)



- Cyan (91%)
- Magenta (75%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16404F 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 16404F by changing the saturation by 10% instead.

■ 16404F

■ 16404F

FFFFFF

■ 002A38

■ 497080

■ 001623

■ 62899A

■ 00000B

■ 7CA3B5

■ 000000

■ 97BFD1

■ B2DAED

■ CEF7FF

■ EBFFFF

■ 16404F

■ 16404F

■ 0E3E4F

■ 1E424F

■ 063C4F

■ 26444F

■ 003A4F

■ 2E464F

■ 36484F

■ 3E4A4F

■ 454C4F

■ 4D4F4F

■ 55514F

■ 5D534F

Harmonies

Analogous

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



114245



16404F



283D53

Triad

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



16404F



52323D



393E25

Complementary

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



16404F



4F2516

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.



453A23



16404F



533331

Square

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



16404F



493549



4E3627



2A402D

Rectangle

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



16404F



353A52



4E3627



3D3D24

Sweetspot

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



16404F



506066



164F24



263033



B3B3B3



333333

Same Dimension

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



16404F



0D4F66



16244F



222526



004B66



00A9E6

Inverse Universe

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



4F1640



660D4F



4F4116



262225



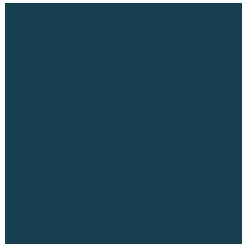
66004B



E600A9

Previews

White Background



This preview shows how the Hex color 16404F looks on a white background.

Color Contrast Check

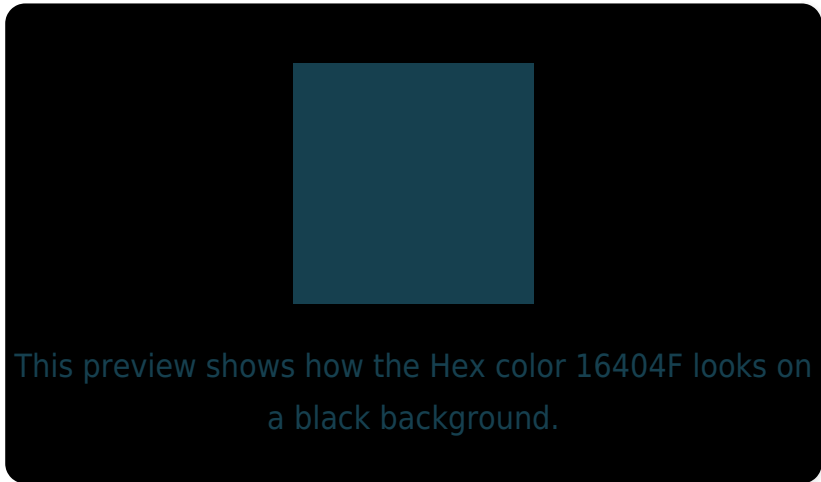
Large Text (above 18pt) WCAG AA ✓ Pass

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

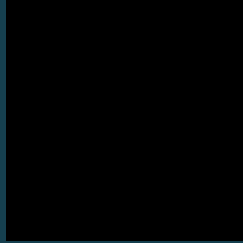
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

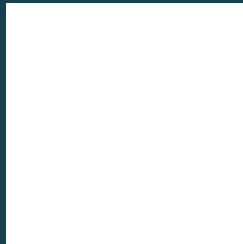
Any Text WCAG AAA × Fail

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

Hex 16404F Background



This preview shows how black text looks on a background with the Hex color 16404F.



This preview shows how white text looks on a background with the Hex color 16404F.

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
16404F

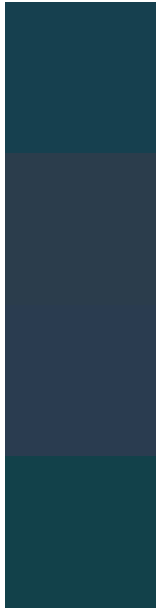
Protanopia
373B4B

Deuteranopia
353A50



Tritanopia
104147

Trichromacy



Original Color
16404F

Protanomaly
2B3D4C

Deuteranomaly
2A3C50

Tritanomaly
12414A

Monochromacy



Original Color
16404F

Achromatopsia
353535

Achromatomaly
2A393E

CSS Examples

Text

The CSS property to change the color of the text to Hex 16404F 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 #16404F looks like.

```
.text, #text, p{  
    color:#16404F  
}
```

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 #16404F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16404F
}
```

Border

The CSS property to change the border of an element to Hex 16404F 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
#16404F }
```

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

```
.border{ border-color:#16404F }
```

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

Here you see how a box with a 4 pixel #16404F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16404F; -webkit-box-shadow:4px 4px  
4px 4px #16404F; box-shadow:4px 4px 4px  
4px #16404F }
```

Background

The CSS property to change the background color of an element to Hex 16404F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16404F }
```

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

```
.background{ background-color:#16404F }
```

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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