

Converting Colors

Hex(16434E)

Have a look what the booklet for
Hex(16434E) contains.

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Color

Hex(16434E)

Conversions

Conversions Part 1

Format	Color
Hex	16434E
RGB	22, 67, 78
RGB Percent	9%, 26%, 31%
CMY	0.9137, 0.7373, 0.6941
CMYK	0.72, 0.14, 0.00, 0.69
HSL	192°, 56%, 20%
HSV	192°, 72%, 31%
XYZ	3.7132, 4.7349, 7.9260
YIQ	54.7990, -30.3510, -6.1190

Conversions

Conversions Part 2

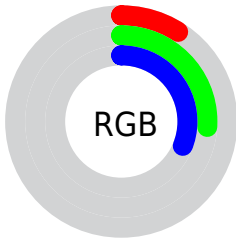
Format	Color
R_{YB}	22, 47, 78
Decimal	1459022
CIE _{Lab}	25.97, -11.23, -11.15
CIE _{LCh}	26, 15.827, 224.802
Yxy	4.7349, 0.2268, 0.2892
Android (android.graphics.Color)	4279649102 (0xFF16434E)
YUV	54.7990, 11.4381, -28.7647
Hunter-Lab	21.7599, -7.6201, -6.3642

Details

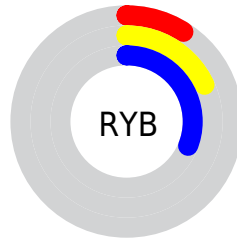
The Hex color **16434E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4E2116**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **49737F**, and **001922** is the 20% darker color. If you saturate the color by 10%, you get **0E414E**, and if you desaturate by 10%, it is **1E454E**.

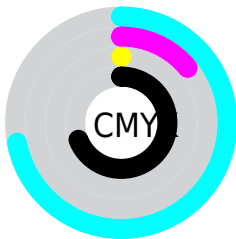
Distribution



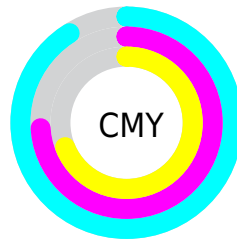
- Red (9%)
- Green (26%)
- Blue (31%)



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



- Cyan (72%)
- Magenta (14%)
- Yellow (0%)
- Black (69%)



- Cyan (91%)
- Magenta (74%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16434E 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 16434E by changing the saturation by 10% instead.

■ 16434E

■ 16434E

FFFFFF

■ 002D37

■ 49737F

■ 001922

■ 638D99

■ 00000A

■ 7DA7B4

■ 000000

■ 97C2CF

■ B3DEEC

■ CFFBFF

■ EBFFFF

■ 16434E

■ 16434E

■ 0E414E

■ 1E454E

■ 06404E

■ 26464E

■ 003F4E

■ 2D484E

■ 35494E

■ 3D4B4E

■ 454C4E

■ 4D4E4E

■ 544F4E

■ 5C514E

Harmonies

Analogous

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



174443



16434E



244054

Triad

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



16434E



513544



403F26

Complementary

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



16434E



4E2116

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.



4B3B26



16434E



553538

Square

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



16434E



46384F



53372D



32422C

Rectangle

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



16434E



303E55



53372D



443D25

Sweetspot

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



16434E



506266



164E20



263033



B3B3B3



333333

Same Dimension

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



16434E



0E5566



16284E



222526



005266



00B8E6

Inverse Universe

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



4E1643



660E55



4E3C16



262225



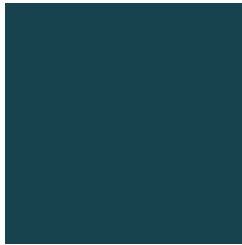
660052



E600B8

Previews

White Background



This preview shows how the Hex color 16434E looks on a white background.

Color Contrast Check

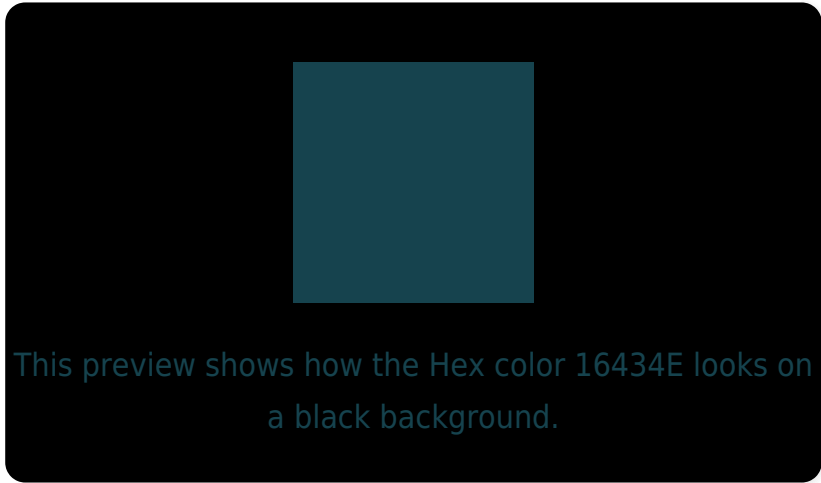
Large Text (above 18pt) WCAG AA ✓ Pass

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

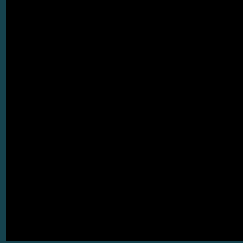
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

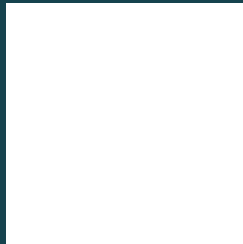
Any Text WCAG AAA × Fail

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

Hex 16434E Background



This preview shows how black text looks on a background with the Hex color 16434E.



This preview shows how white text looks on a background with the Hex color 16434E.

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](#).

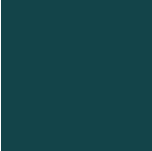
Dichromacy



Original Color
16434E

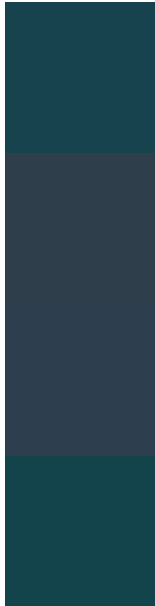
Protanopia
3B3D4A

Deuteranopia
3A3C4F



Tritanopia
134449

Trichromacy



Original Color
16434E

Protanomaly
2E3F4B

Deuteranomaly
2D3F4F

Tritanomaly
14444B

Monochromacy



Original Color
16434E

Achromatopsia
373737

Achromatomaly
2B3B3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 16434E 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 #16434E looks like.

```
.text, #text, p{  
    color:#16434E  
}
```

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 #16434E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16434E
}
```

Border

The CSS property to change the border of an element to Hex 16434E is called "border". The border property can be set on classes, ids or directly on the HTML element.

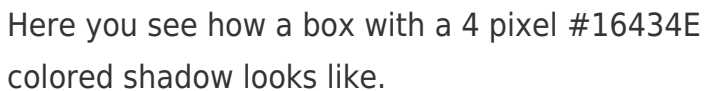
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#16434E }
```

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

```
.border{ border-color:#16434E }
```

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



Here you see how a box with a 4 pixel #16434E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16434E; -webkit-box-shadow:4px 4px  
4px 4px #16434E; box-shadow:4px 4px 4px  
4px #16434E }
```

Background

The CSS property to change the background color of an element to Hex 16434E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16434E }
```

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

```
.background{ background-color:#16434E }
```

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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