

Converting Colors

Hex(16484A)

Have a look what the booklet for
Hex(16484A) contains.

Hex(16484A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(16484A)

Conversions

Conversions Part 1

Format	Color
Hex	16484A
RGB	22, 72, 74
RGB Percent	9%, 28%, 29%
CMY	0.9137, 0.7176, 0.7098
CMYK	0.70, 0.03, 0.00, 0.71
HSL	182°, 54%, 19%
HSV	182°, 70%, 29%
XYZ	3.8843, 5.2997, 7.2968
YIQ	57.2780, -30.4420, -9.9780

Conversions

Conversions Part 2

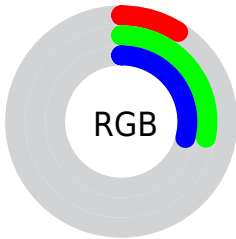
Format	Color
R_{YB}	22, 47, 74
Decimal	1460298
CIE _{Lab}	27.57, -15.59, -6.11
CIE _{LCh}	28, 16.743, 201.413
Yxy	5.2997, 0.2357, 0.3216
Android (android.graphics.Color)	4279650378 (0xFF16484A)
YUV	57.2780, 8.2439, -30.9388
Hunter-Lab	23.0211, -10.1693, -2.6778

Details

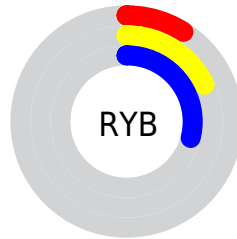
The Hex color **16484A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4A1816**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **49797B**, and **001D1E** is the 20% darker color. If you saturate the color by 10%, you get **0F484A**, and if you desaturate by 10%, it is **1D484A**.

Distribution



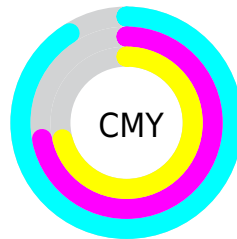
- Red (9%)
- Green (28%)
- Blue (29%)



- Red (9%)
- Yellow (18%)
- Blue (29%)



- Cyan (70%)
- Magenta (3%)
- Yellow (0%)
- Black (71%)



- Cyan (91%)
- Magenta (72%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16484A 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 16484A by changing the saturation by 10% instead.

 16484A

 16484A

FFFFFF

 003133

 49797B

 001D1E

 639394

 000005

 7DADAF

 000000

 97C9CA

 B3E5E6

 CFFFFFF

 EBFFFF

 16484A

 16484A

■ 0F484A

■ 1D484A

■ 07474A

■ 25494A

■ 00474A

■ 2C494A

■ 34494A

■ 3B494A

■ 424A4A

■ 4A4A4A

■ 514A4A

■ 594B4A

Harmonies

Analogous

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



22483D



16484A



194755

Triad

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



16484A



4E3B51



4D3F28

Complementary

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



16484A



4A1816

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.



573B2E



16484A



583845

Square

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



16484A



3E3F59



5B3838



404329

Rectangle

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



16484A



234559



5B3838



513E29

Sweetspot

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



16484A



4D6061



164A18



243030



B0B0B0



303030

Same Dimension

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



16484A



105E61



162E4A



222626



006266



00DDE6

Inverse Universe

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



4A1648



61105E



4A3216



262226



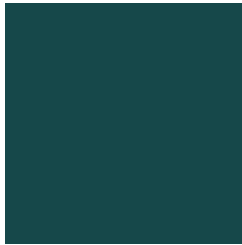
660062



E600DD

Previews

White Background



This preview shows how the Hex color 16484A looks on a white background.

Color Contrast Check

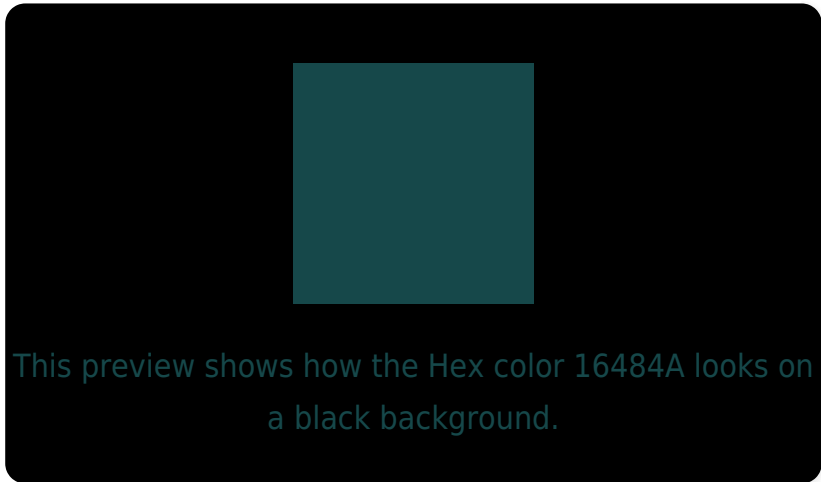
Large Text (above 18pt) WCAG AA ✓ Pass

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

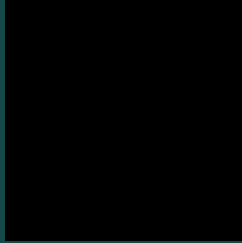
Any Text WCAG AA × Fail

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 16484A Background



This preview shows how black text looks on a background with the Hex color 16484A.



This preview shows how white text looks on a background with the Hex color 16484A.

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](#).

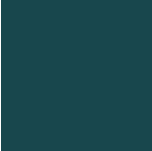
Dichromacy



Original Color
16484A

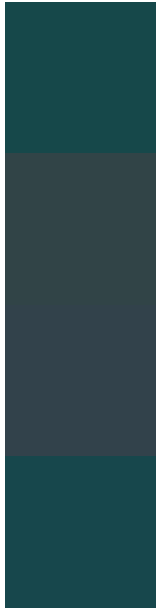
Protanopia
414145

Deuteranopia
423F4C



Tritanopia
18474D

Trichromacy



Original Color
16484A

Protanomaly
314447

Deuteranomaly
32424B

Tritanomaly
17474C

Monochromacy



Original Color
16484A

Achromatopsia
393939

Achromatomaly
2C3E3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 16484A 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 #16484A looks like.

```
.text, #text, p{  
    color:#16484A  
}
```

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 #16484A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16484A
}
```

Border

The CSS property to change the border of an element to Hex 16484A 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".

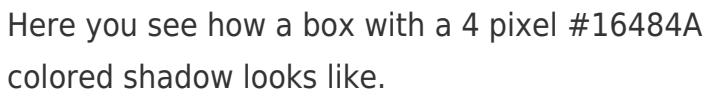
```
.border, #border, table{ border:4px solid
#16484A }
```

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

```
.border{ border-color:#16484A }
```

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

Here you see how a box with a 4 pixel #16484A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16484A; -webkit-box-shadow:4px 4px  
4px 4px #16484A; box-shadow:4px 4px 4px  
4px #16484A }
```

Background

The CSS property to change the background color of an element to Hex 16484A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16484A }
```

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

```
.background{ background-color:#16484A }
```

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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