

Converting Colors

Hex(13444A)

Have a look what the booklet for
Hex(13444A) contains.

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Color

Hex(13444A)

Conversions

Conversions Part 1

Format	Color
Hex	13444A
RGB	19, 68, 74
RGB Percent	7%, 27%, 29%
CMY	0.9255, 0.7333, 0.7098
CMYK	0.74, 0.08, 0.00, 0.71
HSL	187°, 59%, 18%
HSV	187°, 74%, 29%
XYZ	3.5717, 4.7671, 7.2105
YIQ	54.0330, -31.1300, -8.5220

Conversions

Conversions Part 2

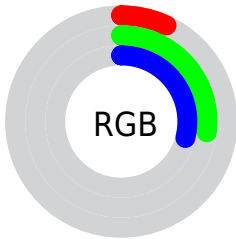
Format	Color
R_{YB}	19, 45, 74
Decimal	1262666
CIE _{Lab}	26.06, -13.82, -8.40
CIE _{LCh}	26, 16.172, 211.280
Yxy	4.7671, 0.2297, 0.3066
Android (android.graphics.Color)	4279452746 (0xFF13444A)
YUV	54.0330, 9.8437, -30.7239
Hunter-Lab	21.8337, -9.0087, -4.2966

Details

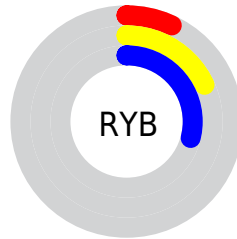
The Hex color **13444A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4A1913**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **47747B**, and **001A1E** is the 20% darker color. If you saturate the color by 10%, you get **0C434A**, and if you desaturate by 10%, it is **1A454A**.

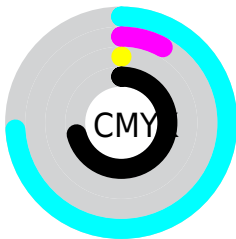
Distribution



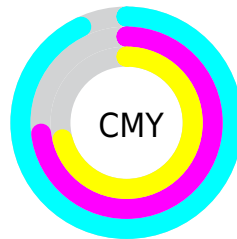
- Red (7%)
- Green (27%)
- Blue (29%)



- Red (7%)
- Yellow (18%)
- Blue (29%)



- Cyan (74%)
- Magenta (8%)
- Yellow (0%)
- Black (71%)



- Cyan (93%)
- Magenta (73%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13444A 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 13444A by changing the saturation by 10% instead.

■ 13444A

■ 13444A

FFFFFF

■ 002E33

■ 47747B

■ 001A1E

■ 608E94

■ 000004

■ 7AA8AF

■ 000000

■ 95C4CA

■ B0E0E7

■ CCFCFF

■ E8FFFF

■ 13444A

■ 13444A

■ 0C434A

■ 1A454A

■ 04424A

■ 22464A

■ 00424A

■ 29464A

■ 31474A

■ 38484A

■ 3F494A

■ 474A4A

■ 4E4A4A

■ 564B4A

Harmonies

Analogous

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



1C443E



13444A



1B4253

Triad

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



13444A



4E364A



463D25

Complementary

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



13444A



4A1913

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.



503929



13444A



55343E

Square

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



13444A



403A53



553532



394128

Rectangle

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



13444A



274056



553532



493C25

Sweetspot

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



13444A



4C5F61



134A18



242F30



B0B0B0



303030

Same Dimension

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



13444A



0B5761



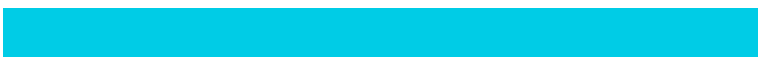
13294A



222626



005B66



00CCE6

Inverse Universe

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



4A1344



610B57



4A3413



262226



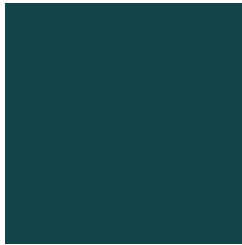
66005B



E600CC

Previews

White Background



This preview shows how the Hex color 13444A looks on a white background.

Color Contrast Check

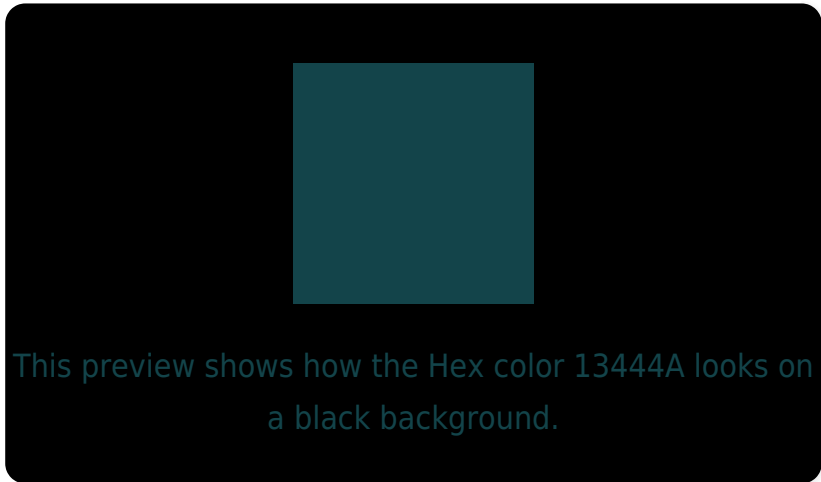
Large Text (above 18pt) WCAG AA ✓ Pass

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

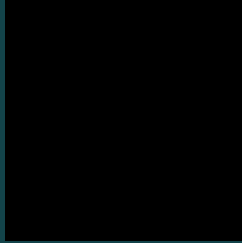
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

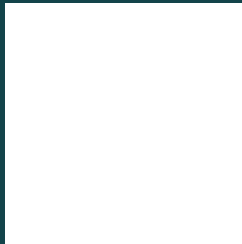
Any Text WCAG AAA × Fail

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

Hex 13444A Background



This preview shows how black text looks on a background with the Hex color 13444A.



This preview shows how white text looks on a background with the Hex color 13444A.

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
13444A

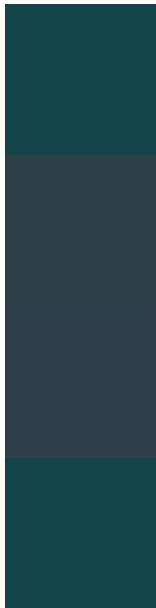
Protanopia
3C3D46

Deuteranopia
3D3C4C



Tritanopia
13444A

Trichromacy



Original Color
13444A

Protanomaly
2D4047

Deuteranomaly
2E3F4B

Tritanomaly
13444A

Monochromacy



Original Color
13444A

Achromatopsia
363636

Achromatomaly
293B3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 13444A 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 #13444A looks like.

```
.text, #text, p{  
    color:#13444A  
}
```

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 #13444A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13444A
}
```

Border

The CSS property to change the border of an element to Hex 13444A 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".

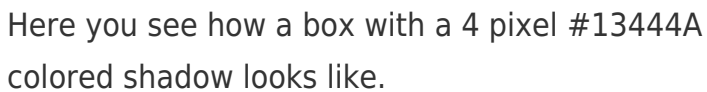
```
.border, #border, table{ border:4px solid
#13444A }
```

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

```
.border{ border-color:#13444A }
```

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

Here you see how a box with a 4 pixel #13444A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13444A; -webkit-box-shadow:4px 4px  
4px 4px #13444A; box-shadow:4px 4px 4px  
4px #13444A }
```

Background

The CSS property to change the background color of an element to Hex 13444A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13444A }
```

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

```
.background{ background-color:#13444A }
```

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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