

Converting Colors

Hex(14333A)

Have a look what the booklet for
Hex(14333A) contains.

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Color

Hex(14333A)

Conversions

Conversions Part 1

Format	Color
Hex	14333A
RGB	20, 51, 58
RGB Percent	8%, 20%, 23%
CMY	0.9216, 0.8000, 0.7725
CMYK	0.66, 0.12, 0.00, 0.77
HSL	191°, 49%, 15%
HSV	191°, 66%, 23%
XYZ	2.2360, 2.8219, 4.4298
YIQ	42.5290, -20.7230, -4.3950

Conversions

Conversions Part 2

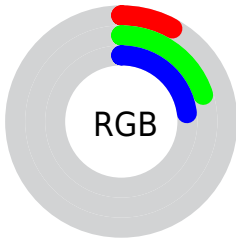
Format	Color
R _Y B	20, 37, 58
Decimal	1323834
CIE Lab	19.32, -8.96, -7.90
CIE LCh	19, 11.940, 221.408
Yxy	2.8219, 0.2357, 0.2974
Android (android.graphics.Color)	4279513914 (0xFF14333A)
YUV	42.5290, 7.6272, -19.7579
Hunter-Lab	16.7984, -5.6370, -3.8761

Details

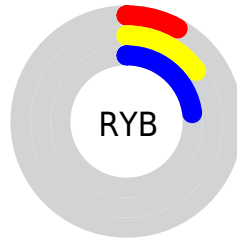
The Hex color **14333A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A1B14**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **436169**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **0E323A**, and if you desaturate by 10%, it is **1A343A**.

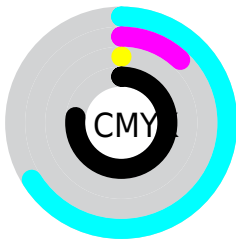
Distribution



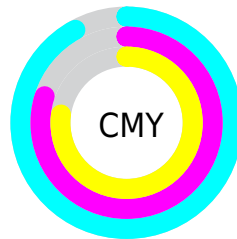
- Red (8%)
- Green (20%)
- Blue (23%)



- Red (8%)
- Yellow (15%)
- Blue (23%)



- Cyan (66%)
- Magenta (12%)
- Yellow (0%)
- Black (77%)



- Cyan (92%)
- Magenta (80%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14333A 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 14333A by changing the saturation by 10% instead.

■ 14333A

■ 14333A

FEFFFF

■ 001E24

■ 436169

■ 00010F

■ 5C7A82

■ 000000

■ 75949C

■ 8FAFB7

■ AACAD3

■ C5E6EF

■ E1FFFF

■ 14333A

■ 14333A

■ 0E323A

■ 1A343A

■ 08313A

■ 20353A

■ 03303A

■ 25363A

■ 002F3A

■ 2B373A

■ 31383A

■ 37393A

■ 3D3A3A

■ 423C3A

■ 483D3A

Harmonies

Analogous

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



163432



14333A



1C313F

Triad

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



14333A



3D2935



322F1E

Complementary

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



14333A



3A1B14

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.



3A2C1F



14333A



40282C

Square

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



14333A



342B3C



3F2A24



283222

Rectangle

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



14333A



242F40



3F2A24



352E1D

Sweetspot

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



14333A



3D4A4D



143A1B



1D2526



A6A6A6



262626

Same Dimension

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



14333A



10414D



14203A



191C1C



004B5C



00B3DB

Inverse Universe

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



3A1433



4D1041



3A2E14



1C191C



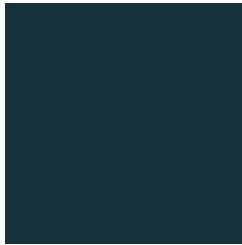
5C004B



DB00B3

Previews

White Background



This preview shows how the Hex color 14333A looks on a white background.

Color Contrast Check

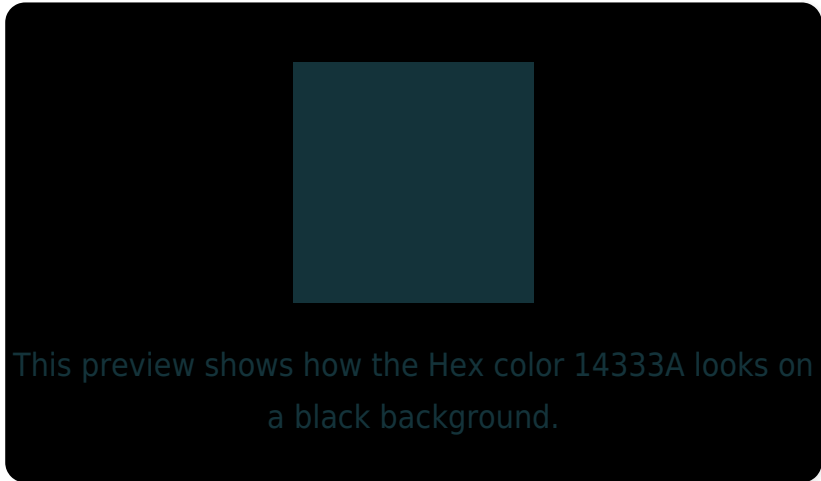
Large Text (above 18pt) WCAG AA ✓ Pass

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

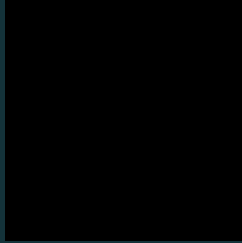
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

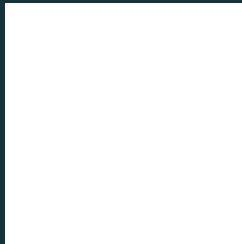
Any Text WCAG AAA × Fail

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

Hex 14333A Background



This preview shows how black text looks on a background with the Hex color 14333A.



This preview shows how white text looks on a background with the Hex color 14333A.

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](#).

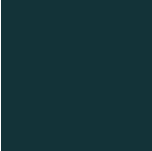
Dichromacy



Original Color
14333A

Protanopia
2D2E37

Deuteranopia
2D2E3B



Tritanopia
133338

Trichromacy



Original Color
14333A

Protanomaly
243038

Deuteranomaly
24303B

Tritanomaly
133339

Monochromacy



Original Color
14333A

Achromatopsia
2B2B2B

Achromatomaly
232E30

CSS Examples

Text

The CSS property to change the color of the text to Hex 14333A 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 #14333A looks like.

```
.text, #text, p{  
    color:#14333A  
}
```

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 #14333A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14333A
}
```

Border

The CSS property to change the border of an element to Hex 14333A 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
#14333A }
```

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

```
.border{ border-color:#14333A }
```

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

Here you see how a box with a 4 pixel #14333A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14333A; -webkit-box-shadow:4px 4px  
4px 4px #14333A; box-shadow:4px 4px 4px  
4px #14333A }
```

Background

The CSS property to change the background color of an element to Hex 14333A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14333A }
```

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

```
.background{ background-color:#14333A }
```

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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