

Converting Colors

Hex(1A3D42)

Have a look what the booklet for
Hex(1A3D42) contains.

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Color

Hex(1A3D42)

Conversions

Conversions Part 1

Format	Color
Hex	1A3D42
RGB	26, 61, 66
RGB Percent	10%, 24%, 26%
CMY	0.8980, 0.7608, 0.7412
CMYK	0.61, 0.08, 0.00, 0.74
HSL	188°, 43%, 18%
HSV	188°, 61%, 26%
XYZ	3.0781, 3.9504, 5.7545
YIQ	51.1050, -22.4650, -5.8650

Conversions

Conversions Part 2

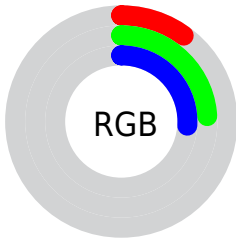
Format	Color
RYB	26, 45, 66
Decimal	1719618
CIELab	23.51, -10.91, -6.94
CIELCh	24, 12.933, 212.450
Yxy	3.9504, 0.2408, 0.3090
Android (android.graphics.Color)	4279909698 (0xFF1A3D42)
YUV	51.1050, 7.3432, -22.0171
Hunter-Lab	19.8757, -7.1386, -3.2530

Details

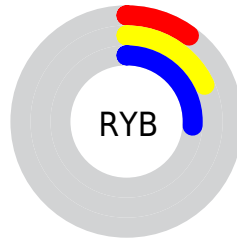
The Hex color **1A3D42** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **421F1A**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **4A6D72**, and **001318** is the 20% darker color. If you saturate the color by 10%, you get **133C42**, and if you desaturate by 10%, it is **213E42**.

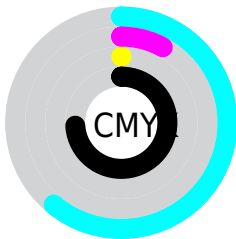
Distribution



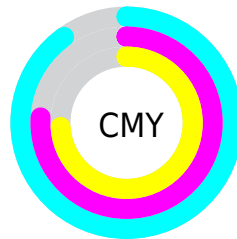
- Red (10%)
- Green (24%)
- Blue (26%)



- Red (10%)
- Yellow (18%)
- Blue (26%)



- Cyan (61%)
- Magenta (8%)
- Yellow (0%)
- Black (74%)



- Cyan (90%)
- Magenta (76%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A3D42 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 1A3D42 by changing the saturation by 10% instead.

■ 1A3D42

■ 1A3D42

FFFFFF

■ 01272C

■ 4A6D72

■ 001318

■ 63868B

■ 000000

■ 7CA0A6

■ 97BBC1

■ B2D7DD

■ CDF3F9

■ EAFFFF

■ 1A3D42

■ 1A3D42

■ 133C42

■ 213E42

■ 0D3B42

■ 273F42

■ 063B42

■ 2E3F42

■ 003A42

■ 344042

■ 3B4142

■ 424242

■ 484342

■ 4F4442

■ 554442

Harmonies

Analogous

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



1E3D38



1A3D42



203B49

Triad

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



1A3D42



453241



3E3825

Complementary

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



1A3D42



421F1A

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.



463427



1A3D42



4B3138

Square

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



1A3D42



3A3548



4B322E



343B27

Rectangle

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



1A3D42



283A4B



4B322E



413725

Sweetspot

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



1A3D42



475557



1A421F



222A2B



ABABAB



2B2B2B

Same Dimension

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



1A3D42



174F57



1A2942



1E2121



005561



00C4E0

Inverse Universe

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



421A3D



57174F



42331A



211E21



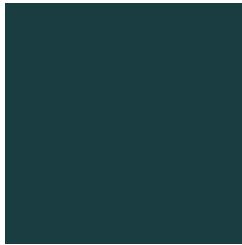
610055



E000C4

Previews

White Background



This preview shows how the Hex color 1A3D42 looks on a white background.

Color Contrast Check

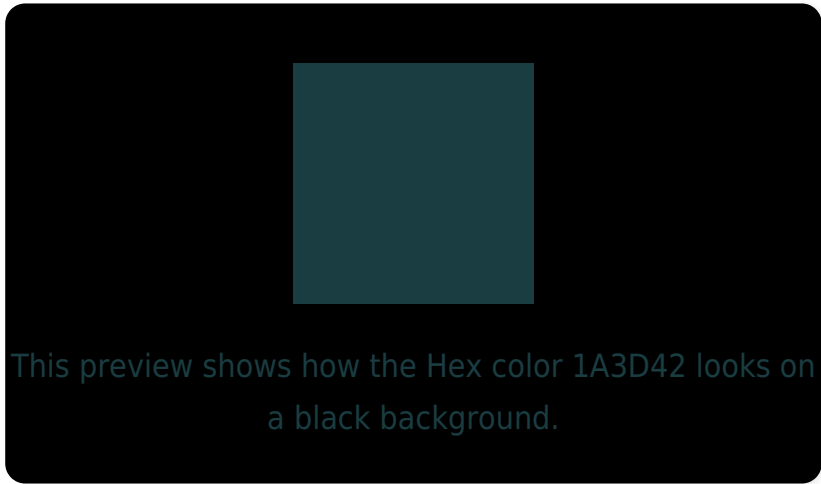
Large Text (above 18pt) WCAG AA ✓ Pass

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

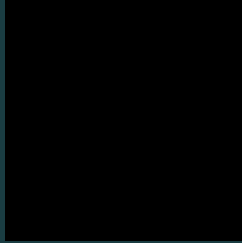
Any Text WCAG AA × Fail

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 1A3D42 Background



This preview shows how black text looks on a background with the Hex color 1A3D42.



This preview shows how white text looks on a background with the Hex color 1A3D42.

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](#).

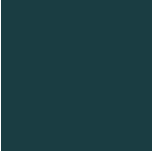
Dichromacy



Original Color
1A3D42

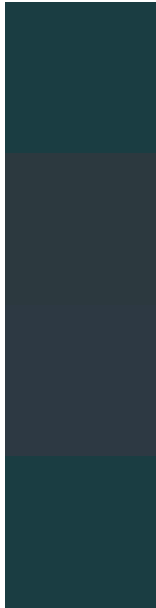
Protanopia
37373E

Deuteranopia
383743



Tritanopia
1A3D42

Trichromacy



Original Color
1A3D42

Protanomaly
2C393F

Deuteranomaly
2D3943

Tritanomaly
1A3D42

Monochromacy



Original Color
1A3D42

Achromatopsia
333333

Achromatomaly
2A3738

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A3D42 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 #1A3D42 looks like.

```
.text, #text, p{  
    color:#1A3D42  
}
```

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 #1A3D42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A3D42
}
```

Border

The CSS property to change the border of an element to Hex 1A3D42 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
#1A3D42 }
```

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

```
.border{ border-color:#1A3D42 }
```

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

Here you see how a box with a 4 pixel #1A3D42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A3D42; -webkit-box-shadow:4px 4px  
4px 4px #1A3D42; box-shadow:4px 4px 4px  
4px #1A3D42 }
```

Background

The CSS property to change the background color of an element to Hex 1A3D42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A3D42 }
```

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

```
.background{ background-color:#1A3D42 }
```

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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