

Converting Colors

Hex(1A4342)

Have a look what the booklet for
Hex(1A4342) contains.

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Color

Hex(1A4342)

Conversions

Conversions Part 1

Format	Color
Hex	1A4342
RGB	26, 67, 66
RGB Percent	10%, 26%, 26%
CMY	0.8980, 0.7373, 0.7412
CMYK	0.61, 0.00, 0.01, 0.74
HSL	179°, 44%, 18%
HSV	179°, 61%, 26%
XYZ	3.4165, 4.6273, 5.8673
YIQ	54.6270, -24.1150, -9.0030

Conversions

Conversions Part 2

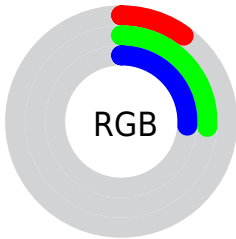
Format	Color
R_{YB}	26, 47, 67
Decimal	1721154
CIE _{Lab}	25.65, -14.49, -3.74
CIE _{LCh}	26, 14.967, 194.470
Yxy	4.6273, 0.2456, 0.3326
Android (android.graphics.Color)	4279911234 (0xFF1A4342)
YUV	54.6270, 5.6069, -25.1059
Hunter-Lab	21.5111, -9.2939, -1.1141

Details

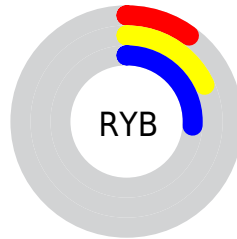
The Hex color **1A4342** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **431A1B**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **4B7372**, and **001917** is the 20% darker color. If you saturate the color by 10%, you get **134342**, and if you desaturate by 10%, it is **214342**.

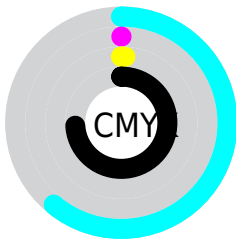
Distribution



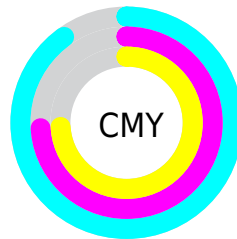
- Red (10%)
- Green (26%)
- Blue (26%)



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



- Cyan (61%)
- Magenta (0%)
- Yellow (1%)
- Black (74%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 1A4342 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 1A4342 by changing the saturation by 10% instead.

■ 1A4342

■ 1A4342

FFFFFF

■ 002D2C

■ 4B7372

■ 001917

■ 648D8B

■ 000000

■ 7DA7A6

■ 98C3C1

■ B3DFDD

■ CFFBF9

■ EBFFFF

■ 1A4342

■ 1A4342

■ 134342

■ 214342

■ 0D4342

■ 274342

■ 064342

■ 2E4342

■ 004341

■ 354343

■ 3C4343

■ 424343

■ 494343

■ 504343

■ 564343

Harmonies

Analogous

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



254336



1A4342



19424C

Triad

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



1A4342



45384D



4A3A27

Complementary

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



1A4342



431A1B

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.



51362D



1A4342



4F3543

Square

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



1A4342



363C53



533438



3F3E27

Rectangle

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



1A4342



204151



533438



4D3929

Sweetspot

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



1A4342



475756



1B431A



222B2B



ABABAB



2B2B2B

Same Dimension

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



1A4342



175755



1A3043



1E2121



00615F



00E0DB

Inverse Universe

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



431A1B



571719



432D1A



211E1E



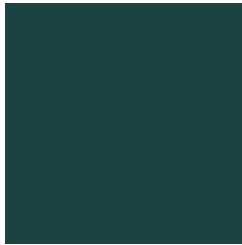
610002



E00005

Previews

White Background



This preview shows how the Hex color 1A4342 looks on a white background.

Color Contrast Check

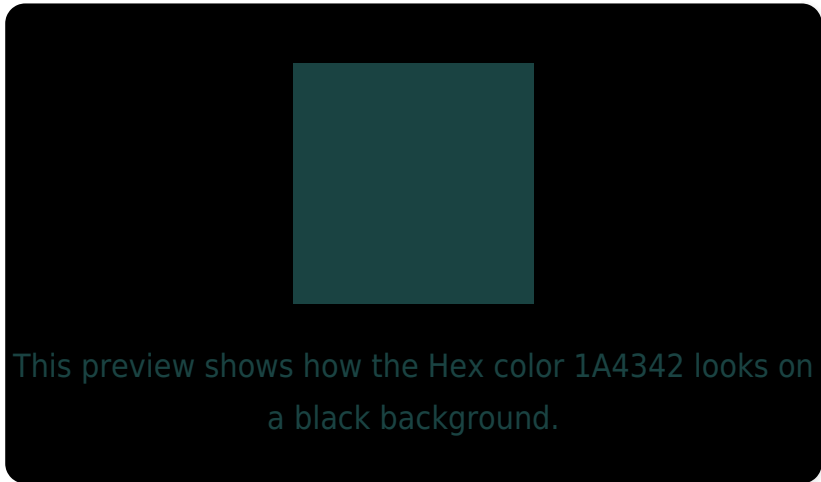
Large Text (above 18pt) WCAG AA ✓ Pass

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

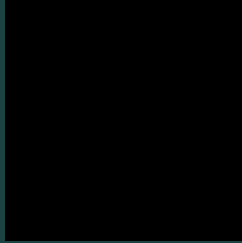
Any Text WCAG AA × Fail

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 1A4342 Background



This preview shows how black text looks on a background with the Hex color 1A4342.



This preview shows how white text looks on a background with the Hex color 1A4342.

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](#).

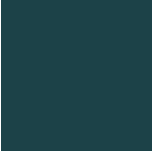
Dichromacy



Original Color
1A4342

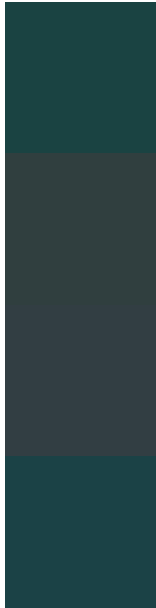
Protanopia
3D3C3E

Deuteranopia
3F3B44



Tritanopia
1C4248

Trichromacy



Original Color
1A4342

Protanomaly
303F3F

Deuteranomaly
323E43

Tritanomaly
1B4246

Monochromacy



Original Color
1A4342

Achromatopsia
373737

Achromatomaly
2C3B3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A4342 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 #1A4342 looks like.

```
.text, #text, p{  
    color:#1A4342  
}
```

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 #1A4342 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A4342
}
```

Border

The CSS property to change the border of an element to Hex 1A4342 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
#1A4342 }
```

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

```
.border{ border-color:#1A4342 }
```

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

Here you see how a box with a 4 pixel #1A4342 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A4342; -webkit-box-shadow:4px 4px  
4px 4px #1A4342; box-shadow:4px 4px 4px  
4px #1A4342 }
```

Background

The CSS property to change the background color of an element to Hex 1A4342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A4342 }
```

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

```
.background{ background-color:#1A4342 }
```

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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