

# Converting Colors

Hex(1A4742)

Have a look what the booklet for  
Hex(1A4742) contains.

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# Color

**Hex(1A4742)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1A4742
RGB	26, 71, 66
RGB Percent	10%, 28%, 26%
CMY	0.8980, 0.7216, 0.7412
CMYK	0.63, 0.00, 0.07, 0.72
HSL	173°, 46%, 19%
HSV	173°, 63%, 28%
XYZ	3.6626, 5.1194, 5.9494
YIQ	56.9750, -25.2150, -11.0950

# Conversions

## Conversions Part 2

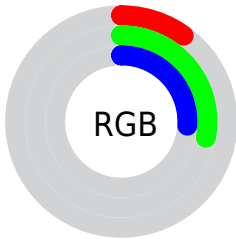
Format	Color
<b>RYB</b>	26, 50, 71
Decimal	1722178
CIELab	27.07, -16.77, -1.63
CIELCh	27, 16.852, 185.551
Yxy	5.1194, 0.2486, 0.3475
Android (android.graphics.Color)	4279912258 (0xFF1A4742)
YUV	56.9750, 4.4493, -27.1651
Hunter-Lab	22.6262, -10.7011, 0.2485

# Details

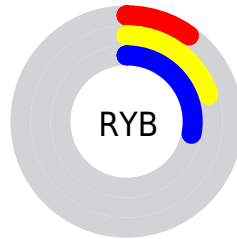
The Hex color **1A4742** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **471A1F**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **4B7872**, and **001C17** is the 20% darker color. If you saturate the color by 10%, you get **134741**, and if you desaturate by 10%, it is **214743**.

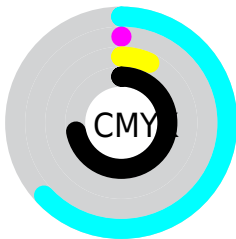
# Distribution



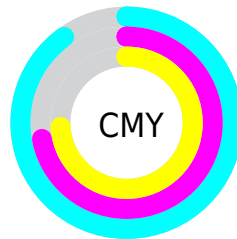
- Red (10%)
- Green (28%)
- Blue (26%)



- Red (10%)
- Yellow (20%)
- Blue (28%)



- Cyan (63%)
- Magenta (0%)
- Yellow (7%)
- Black (72%)



- Cyan (90%)
- Magenta (72%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A4742 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 1A4742 by changing the saturation by 10% instead.



 1A4742

 1A4742

FFFFFF

 00302C

 4B7872

 001C17

 64918B

 000000

 7EACA6

 99C8C1

 B4E4DD

 D0FFF9

 ECFFFF

 1A4742

 1A4742

■ 134741

■ 214743

■ 0C4740

■ 284744

■ 054740

■ 2F4744

■ 00473F

■ 364745

■ 3E4746

■ 454747

■ 4C4748

■ 534748

■ 5A4749

# Harmonies

## Analogous

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



294635



1A4742



12464E

# Triad

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



1A4742



453C55



523C29

# Complementary

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



1A4742



471A1F

# 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.



583832



1A4742



52384B

# Square

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



1A4742



324059



59363E



464026

# Rectangle

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



1A4742



194555



59363E



543A2B



# Sweetspot

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



1A4742



4A5C5A



1F471A



232E2D



ADADAD



2E2E2E



# Same Dimension

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



1A4742



165C54



1A3647



202423



006358



00E3CA



# Inverse Universe

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



471A1F



5C161E



472B1A



242021



63000B



E30019



# Previews

## White Background



This preview shows how the Hex color 1A4742 looks on a white background.

## Color Contrast Check

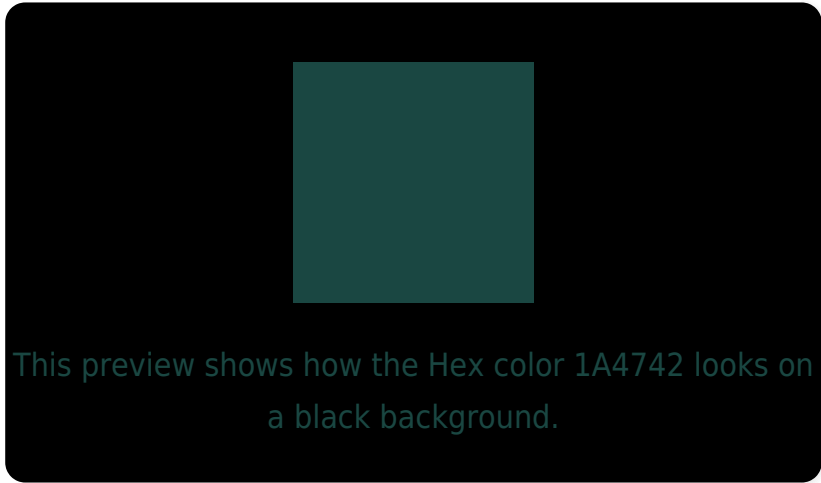
Large Text (above 18pt) WCAG AA ✓ Pass

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

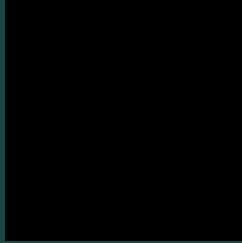
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1A4742 Background



This preview shows how black text looks on a background with the Hex color 1A4742.



This preview shows how white text looks on a background with the Hex color 1A4742.

# 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**  
1A4742

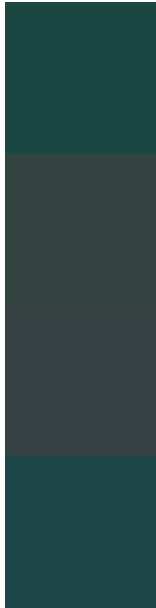
**Protanopia**  
41403E

**Deuteranopia**  
443E44



**Tritanopia**  
1E464B

# Trichromacy



**Original Color**  
1A4742

**Protanomaly**  
33433F

**Deuteranomaly**  
354143

**Tritanomaly**  
1D4648

# Monochromacy



**Original Color**  
1A4742

**Achromatopsia**  
393939

**Achromatomaly**  
2E3E3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A4742 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 #1A4742 looks like.

```
.text, #text, p{  
    color:#1A4742  
}
```

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 #1A4742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A4742
}
```

## Border

The CSS property to change the border of an element to Hex 1A4742 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
#1A4742 }
```

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

```
.border{ border-color:#1A4742 }
```

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

Here you see how a box with a 4 pixel #1A4742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A4742; -webkit-box-shadow:4px 4px  
4px 4px #1A4742; box-shadow:4px 4px 4px  
4px #1A4742 }
```

# Background

The CSS property to change the background color of an element to Hex 1A4742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A4742 }
```

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

```
.background{ background-color:#1A4742 }
```

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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