

# Converting Colors

Hex(1A4546)

Have a look what the booklet for  
Hex(1A4546) contains.

<b>Hex(1A4546)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(1A4546)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1A4546
RGB	26, 69, 70
RGB Percent	10%, 27%, 27%
CMY	0.8980, 0.7294, 0.7255
CMYK	0.63, 0.01, 0.00, 0.73
HSL	181°, 46%, 19%
HSV	181°, 63%, 27%
XYZ	3.6596, 4.9181, 6.5507
YIQ	56.2570, -25.9490, -8.8050

# Conversions

## Conversions Part 2

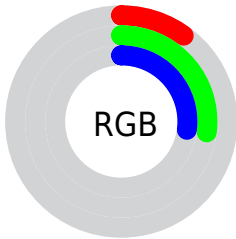
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 48, 70
Decimal	1721670
CIE <sub>Lab</sub>	26.50, -14.35, -5.09
CIE <sub>LCh</sub>	27, 15.229, 199.536
Yxy	4.9181, 0.2419, 0.3251
Android (android.graphics.Color)	4279911750 (0xFF1A4546)
YUV	56.2570, 6.7753, -26.5354
Hunter-Lab	22.1767, -9.3530, -1.9899




# Details

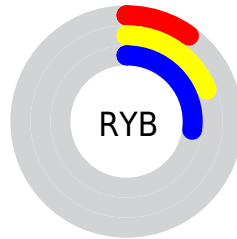
The Hex color **1A4546** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **461B1A**, and the grayscale version is **383838**.




A 20% lighter version of the original color is **4B7576**, and **001B1B** is the 20% darker color. If you saturate the color by 10%, you get **134546**, and if you desaturate by 10%, it is **214546**.

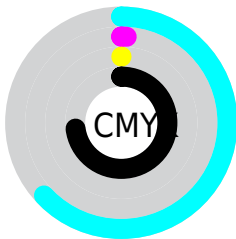
# Distribution







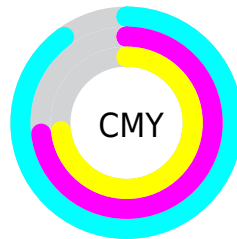
-  Red (10%)
-  Green (27%)
-  Blue (27%)






-  Red (10%)
-  Yellow (19%)
-  Blue (27%)



-  Cyan (63%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (90%)
-  Magenta (73%)
-  Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A4546 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 1A4546 by changing the saturation by 10% instead.





1A4546



1A4546

FFFFFF



002F30



4B7576



001B1B



648F90



000000



7EAAAA



99C5C6



B4E1E2



D0FEFE



ECFFFF



1A4546



1A4546

■ 134546

■ 214546

■ 0C4546

■ 284546

■ 054546

■ 2F4546

■ 004446

■ 364646

■ 3D4646

■ 444646

■ 4B4646

■ 524646

■ 594646

# Harmonies

## Analogous

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



24453A



1A4546



1B4450

# Triad

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



1A4546



49394E



4A3D28

# Complementary

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



1A4546



461B1A

# 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.



53392E



1A4546



533643

# Square

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



1A4546



3B3D54



563637



3F4029

# Rectangle

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



1A4546



244254



563637



4E3B29



# Sweetspot

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



1A4546



4A5B5C



1A461B



232E2E



ADADAD



2E2E2E



# Same Dimension

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



1A4546



175A5C



1A2F46



202424



006163



00DEE3



# Inverse Universe

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



461A45



5C175A



46311A



242024



630061

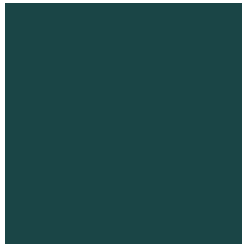


E300DE



# Previews

## White Background



This preview shows how the Hex color 1A4546 looks on a white background.

## Color Contrast Check

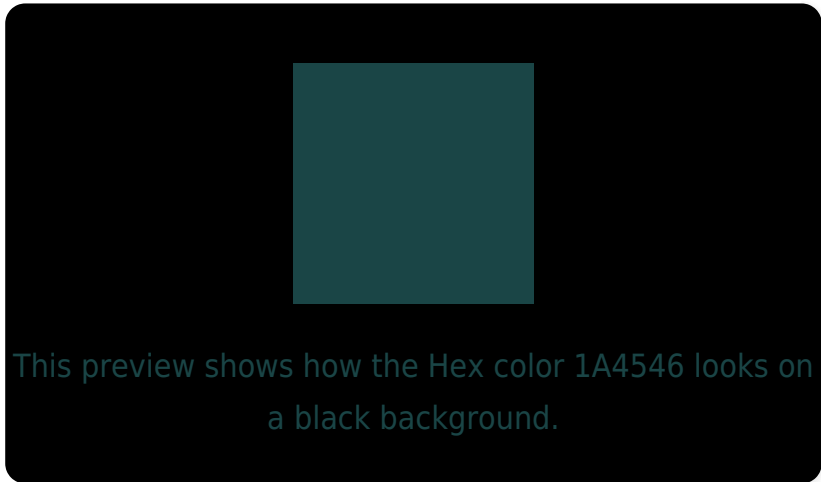
Large Text (above 18pt) WCAG AA ✓ Pass

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

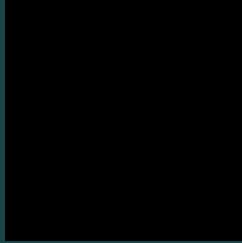
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1A4546 Background



This preview shows how black text looks on a background with the Hex color 1A4546.



This preview shows how white text looks on a background with the Hex color 1A4546.

# 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](#).

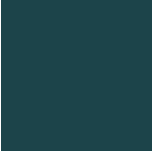
## Dichromacy



**Original Color**  
1A4546

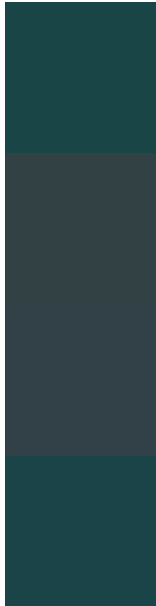
**Protanopia**  
3F3E42

**Deuteranopia**  
403D48



**Tritanopia**  
1C444A

# Trichromacy



**Original Color**

1A4546

**Protanomaly**

324143

**Deuteranomaly**

324047

**Tritanomaly**

1B4449

# Monochromacy



**Original Color**

1A4546

**Achromatopsia**

383838

**Achromatomaly**

2D3D3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A4546 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 #1A4546 looks like.

```
.text, #text, p{  
    color:#1A4546  
}
```

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 #1A4546 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A4546
}
```

## Border

The CSS property to change the border of an element to Hex 1A4546 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
#1A4546 }
```

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

```
.border{ border-color:#1A4546 }
```

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

Here you see how a box with a 4 pixel #1A4546 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A4546; -webkit-box-shadow:4px 4px  
4px 4px #1A4546; box-shadow:4px 4px 4px  
4px #1A4546 }
```

# Background

The CSS property to change the background color of an element to Hex 1A4546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A4546 }
```

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

```
.background{ background-color:#1A4546 }
```

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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