

# Converting Colors

Hex(1A4B63)

Have a look what the booklet for  
Hex(1A4B63) contains.

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# Color

Hex(1A4B63)

# Conversions

## Conversions Part 1

Format	Color
Hex	1A4B63
RGB	26, 75, 99
RGB Percent	10%, 29%, 39%
CMY	0.8980, 0.7059, 0.6118
CMYK	0.74, 0.24, 0.00, 0.61
HSL	200°, 58%, 25%
HSV	200°, 74%, 39%
XYZ	5.1942, 6.1526, 12.7182
YIQ	63.0850, -36.9080, -2.9240

# Conversions

## Conversions Part 2

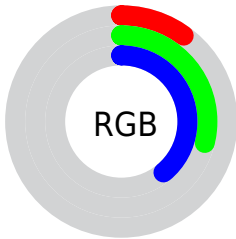
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 55, 99
Decimal	1723235
CIE <sub>Lab</sub>	29.79, -7.65, -18.81
CIE <sub>LCh</sub>	30, 20.305, 247.876
Yxy	6.1526, 0.2158, 0.2557
Android (android.graphics.Color)	4279913315 (0xFF1A4B63)
YUV	63.0850, 17.7061, -32.5235
Hunter-Lab	24.8045, -6.0288, -13.0371

# Details

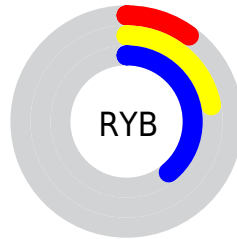
The Hex color **1A4B63** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **63321A**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **507C96**, and **001F34** is the 20% darker color. If you saturate the color by 10%, you get **104863**, and if you desaturate by 10%, it is **244E63**.

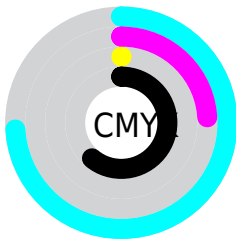
# Distribution



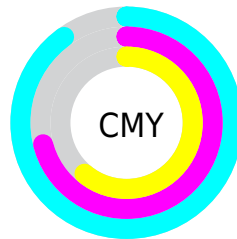
- Red (10%)
- Green (29%)
- Blue (39%)



- Red (10%)
- Yellow (22%)
- Blue (39%)



- Cyan (74%)
- Magenta (24%)
- Yellow (0%)
- Black (61%)



- Cyan (90%)
- Magenta (71%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A4B63 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 1A4B63 by changing the saturation by 10% instead.





1A4B63



1A4B63

FFFFFF



00344B



507C96



001F34



6A96B1



00021F



85B0CC



000003



A0CCE8



000000



BCE8FF



D8FFFF



F5FFFF



1A4B63



1A4B63

■ 104863

■ 244E63

■ 064463

■ 2E5263

■ 004263

■ 385563

■ 425863

■ 4C5B63

■ 555F63

■ 5F6263

■ 696563

■ 736863

# Harmonies

## Analogous

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



024E59



1A4B63



364665

# Triad

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



1A4B63



653A43



3B4B2D

# Complementary

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



1A4B63



63321A

# 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.



4C4727



1A4B63



633C34

# Square

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



1A4B63



5D3C52



5A4129



284E3A

# Rectangle

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



1A4B63



464362



5A4129



414A2A



# Sweetspot

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



1A4B63



637680



1A6331



2F3A40



BFBFBF



404040



# Same Dimension

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



1A4B63



0F5B80



1A2763



2C2F30



004B70



00A1F0



# Inverse Universe

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



631A4B



800F5B



63561A



302C2F



70004B

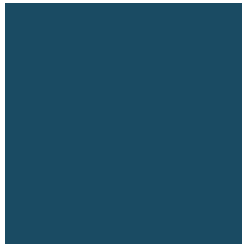


F000A1



# Previews

## White Background



This preview shows how the Hex color 1A4B63 looks on a white background.

## Color Contrast Check

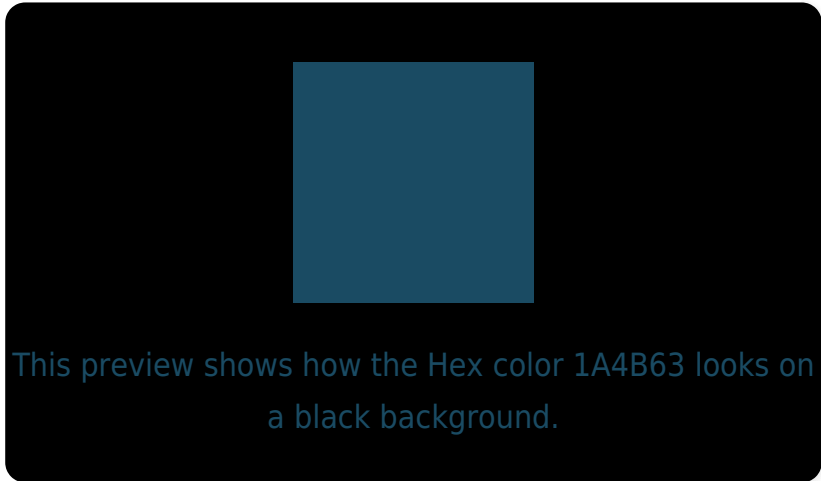
Large Text (above 18pt) WCAG AA ✓ Pass

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

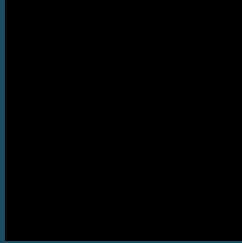
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1A4B63 Background



This preview shows how black text looks on a background with the Hex color 1A4B63.



This preview shows how white text looks on a background with the Hex color 1A4B63.

# 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**  
1A4B63

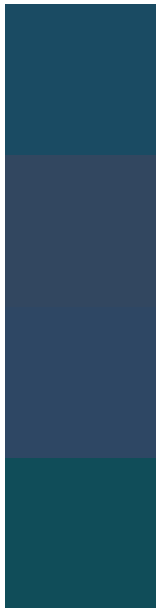
**Protanopia**  
3F455E

**Deuteranopia**  
3A4564



**Tritanopia**  
0B4E54

# Trichromacy



**Original Color**  
1A4B63

**Protanomaly**  
324760

**Deuteranomaly**  
2E4764

**Tritanomaly**  
104D59

# Monochromacy



**Original Color**  
1A4B63

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
32434C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A4B63 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 #1A4B63 looks like.

```
.text, #text, p{  
    color:#1A4B63  
}
```

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 #1A4B63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A4B63
}
```

## Border

The CSS property to change the border of an element to Hex 1A4B63 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
#1A4B63 }
```

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

```
.border{ border-color:#1A4B63 }
```

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

Here you see how a box with a 4 pixel #1A4B63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A4B63; -webkit-box-shadow:4px 4px  
4px 4px #1A4B63; box-shadow:4px 4px 4px  
4px #1A4B63 }
```

# Background

The CSS property to change the background color of an element to Hex 1A4B63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A4B63 }
```

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

```
.background{ background-color:#1A4B63 }
```

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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