

# Converting Colors

Hex(1A5069)

Have a look what the booklet for  
Hex(1A5069) contains.

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# Color

**Hex(1A5069)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1A5069
RGB	26, 80, 105
RGB Percent	10%, 31%, 41%
CMY	0.8980, 0.6863, 0.5882
CMYK	0.75, 0.24, 0.00, 0.59
HSL	199°, 60%, 26%
HSV	199°, 75%, 41%
XYZ	5.8445, 6.9769, 14.4032
YIQ	66.7040, -40.2090, -3.6730

# Conversions

## Conversions Part 2

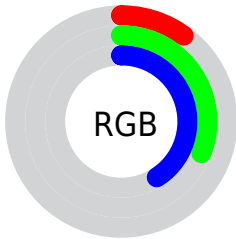
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 58, 105
Decimal	1724521
CIE <sub>Lab</sub>	31.75, -8.49, -19.57
CIE <sub>LCh</sub>	32, 21.331, 246.558
Yxy	6.9769, 0.2147, 0.2563
Android (android.graphics.Color)	4279914601 (0xFF1A5069)
YUV	66.7040, 18.8799, -35.6974
Hunter-Lab	26.4137, -6.7280, -13.8408

# Details

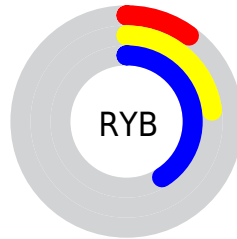
The Hex color **1A5069** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **69331A**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **51819C**, and **00243A** is the 20% darker color. If you saturate the color by 10%, you get **0F4D69**, and if you desaturate by 10%, it is **245369**.

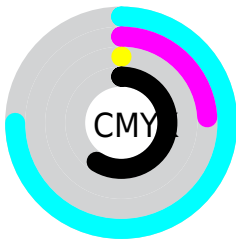
# Distribution



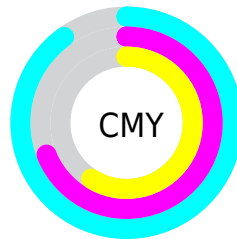
- Red (10%)
- Green (31%)
- Blue (41%)



- Red (10%)
- Yellow (23%)
- Blue (41%)



- Cyan (75%)
- Magenta (24%)
- Yellow (0%)
- Black (59%)



- Cyan (90%)
- Magenta (69%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A5069 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 1A5069 by changing the saturation by 10% instead.





1A5069



1A5069

FFFFFF



003951



51819C



00243A



6C9BB7



000E24



87B6D3



00010D



A2D2EF



000000



BEEEFF



DBFFFF



F8FFFF



1A5069



1A5069

0F4D69

245369

054969

2F5769

004869

395A69

445D69

4E6169

596469

636769

6E6B69

786E69

# Harmonies

## Analogous

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



00535E



1A5069



384B6C

# Triad

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



1A5069



6B3E48



40502F

# Complementary

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



1A5069



69331A

# 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.



524B29



1A5069



6A4038

# Square

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



1A5069



634058



61452C



2B533D

# Rectangle

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



1A5069



4A4769



61452C



464E2C



# Sweetspot

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



1A5069



6A808A



1A6932



323F45



C4C4C4



454545



# Same Dimension

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



1A5069



0E628A



1A2A69



303436



005075



00A7F5



# Inverse Universe

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



691A50



8A0E62



69591A



363034



750050

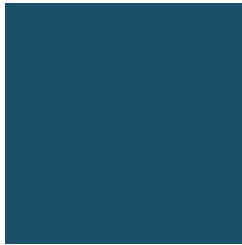


F500A7



# Previews

## White Background



This preview shows how the Hex color 1A5069 looks on a white background.

## Color Contrast Check

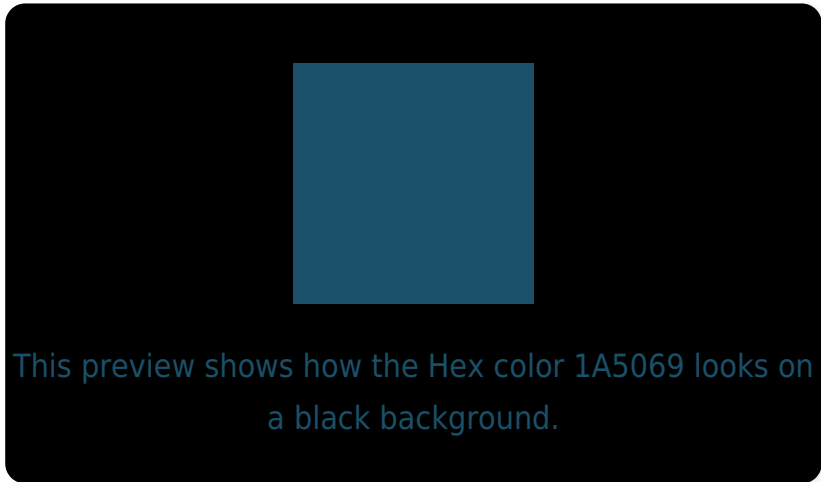
Large Text (above 18pt) WCAG AA ✓ Pass

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

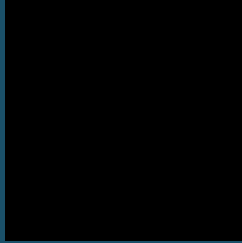
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1A5069 Background



This preview shows how black text looks on a background with the Hex color 1A5069.



This preview shows how white text looks on a background with the Hex color 1A5069.

# 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**  
1A5069

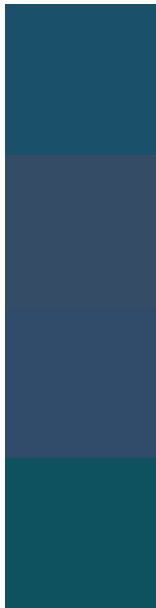
**Protanopia**  
434A64

**Deuteranopia**  
3E4A6A



**Tritanopia**  
08535A

# Trichromacy



**Original Color**  
1A5069

**Protanomaly**  
344C66

**Deuteranomaly**  
314C6A

**Tritanomaly**  
0F525F

# Monochromacy



**Original Color**  
1A5069

**Achromatopsia**  
434343

**Achromatomaly**  
344851

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A5069 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 #1A5069 looks like.

```
.text, #text, p{  
    color:#1A5069  
}
```

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 #1A5069 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A5069  
}
```

## Border

The CSS property to change the border of an element to Hex 1A5069 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  
#1A5069 }
```

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

```
.border{ border-color:#1A5069 }
```

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

Here you see how a box with a 4 pixel #1A5069 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A5069; -webkit-box-shadow:4px 4px  
4px 4px #1A5069; box-shadow:4px 4px 4px  
4px #1A5069 }
```

# Background

The CSS property to change the background color of an element to Hex 1A5069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A5069 }
```

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

```
.background{ background-color:#1A5069 }
```

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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