

# Converting Colors

Hex(1A6065)

Have a look what the booklet for  
Hex(1A6065) contains.

<b>Hex(1A6065)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(1A6065)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1A6065
RGB	26, 96, 101
RGB Percent	10%, 38%, 40%
CMY	0.8980, 0.6235, 0.6039
CMYK	0.74, 0.05, 0.00, 0.60
HSL	184°, 59%, 25%
HSV	184°, 74%, 40%
XYZ	6.9578, 9.5249, 13.7837
YIQ	75.6400, -43.3250, -13.2850

# Conversions

## Conversions Part 2

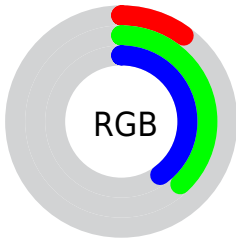
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 62, 101
Decimal	1728613
CIE <sub>Lab</sub>	36.98, -19.18, -9.08
CIE <sub>LCh</sub>	37, 21.226, 205.342
Yxy	9.5249, 0.2299, 0.3147
Android (android.graphics.Color)	4279918693 (0xFF1A6065)
YUV	75.6400, 12.5025, -43.5343
Hunter-Lab	30.8625, -13.7672, -4.8761

# Details

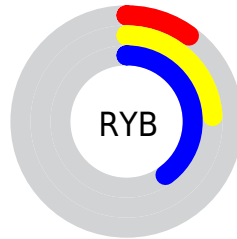
The Hex color **1A6065** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **651F1A**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **539398**, and **003136** is the 20% darker color. If you saturate the color by 10%, you get **105F65**, and if you desaturate by 10%, it is **246165**.

# Distribution



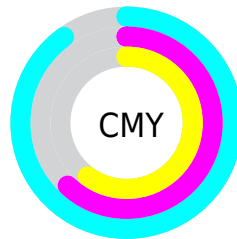
- Red (10%)
- Green (38%)
- Blue (40%)



- Red (10%)
- Yellow (24%)
- Blue (40%)



- Cyan (74%)
- Magenta (5%)
- Yellow (0%)
- Black (60%)



- Cyan (90%)
- Magenta (62%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A6065 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 1A6065 by changing the saturation by 10% instead.



■ 1A6065

■ 1A6065

FFFFFF

■ 00484D

■ 539398

■ 003136

■ 6DAEB3

■ 001D21

■ 88C9CE

■ 000009

■ A4E5EA

■ 000000

■ C0FFFF

■ D0FFFF

■ F0FFFF

■ 1A6065

■ 1A6065

■ 105F65

■ 246165

■ 065F65

■ 2E6165

■ 005E65

■ 386265

■ 426365

■ 4D6365

■ 576465

■ 616565

■ 6B6565

■ 756665

# Harmonies

## Analogous

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



2B6054



1A6065



215E73

# Triad

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



1A6065



6A4E6B



655535

# Complementary

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



1A6065



651F1A

# 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.



724F3C



1A6065



764A5A

# Square

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



1A6065



555476



794B49



545A38

# Rectangle

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



1A6065



325B78



794B49



6A5336



# Sweetspot

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



1A6065



658082



1A651F



314142



C2C2C2



424242



# Same Dimension

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



1A6065



0E7A82



1A3B65



2E3333



006B73



00E2F2



# Inverse Universe

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



651A60



820E7A



65451A



332E33



73006B

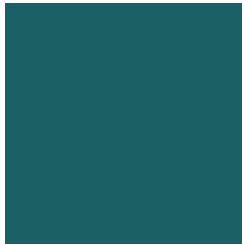


F200E2



# Previews

## White Background



This preview shows how the Hex color 1A6065 looks on a white background.

## Color Contrast Check

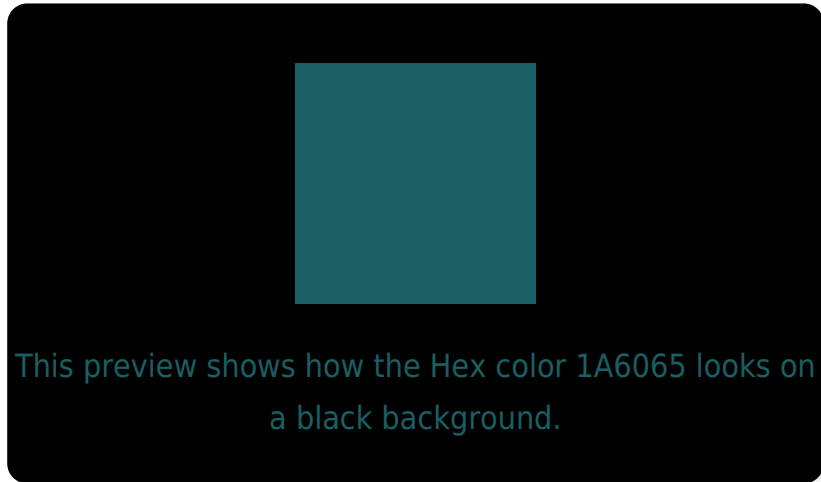
Large Text (above 18pt) WCAG AA ✓ Pass

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

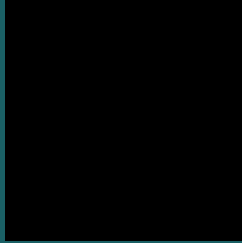
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1A6065 Background



This preview shows how black text looks on a background with the Hex color 1A6065.

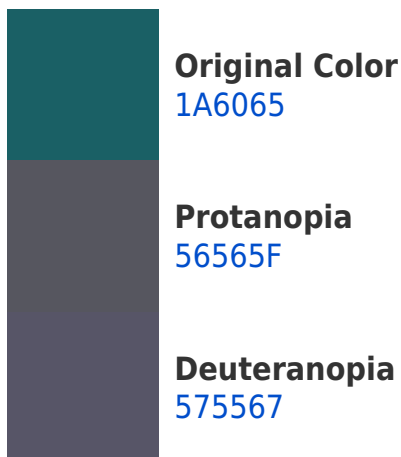


This preview shows how white text looks on a background with the Hex color 1A6065.

# 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





# Trichromacy



**Original Color**  
1A6065

**Protanomaly**  
405A61

**Deuteranomaly**  
415966

**Tritanomaly**  
1B6066

# Monochromacy



**Original Color**  
1A6065

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
3A5355

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A6065 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 #1A6065 looks like.

```
.text, #text, p{  
    color:#1A6065  
}
```

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 #1A6065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A6065
}
```

## Border

The CSS property to change the border of an element to Hex 1A6065 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
#1A6065 }
```

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

```
.border{ border-color:#1A6065 }
```

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

Here you see how a box with a 4 pixel #1A6065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A6065; -webkit-box-shadow:4px 4px  
4px 4px #1A6065; box-shadow:4px 4px 4px  
4px #1A6065 }
```

# Background

The CSS property to change the background color of an element to Hex 1A6065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A6065 }
```

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

```
.background{ background-color:#1A6065 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor