

Converting Colors

Hex(166B63)

Have a look what the booklet for
Hex(166B63) contains.

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Color

Hex(166B63)

Conversions

Conversions Part 1

Format	Color
Hex	166B63
RGB	22, 107, 99
RGB Percent	9%, 42%, 39%
CMY	0.9137, 0.5804, 0.6118
CMYK	0.79, 0.00, 0.07, 0.58
HSL	174°, 66%, 25%
HSV	174°, 79%, 42%
XYZ	7.8407, 11.5868, 13.6276
YIQ	80.6730, -48.0920, -20.5080

Conversions

Conversions Part 2

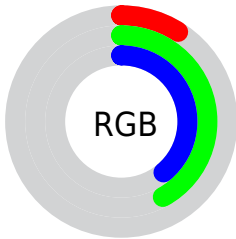
Format	Color
R_{YB}	22, 67, 107
Decimal	1469283
CIE _{Lab}	40.55, -26.10, -2.54
CIE _{LCh}	41, 26.222, 185.557
Yxy	11.5868, 0.2372, 0.3505
Android (android.graphics.Color)	4279659363 (0xFF166B63)
YUV	80.6730, 9.0352, -51.4562
Hunter-Lab	34.0394, -18.4529, 0.0910

Details

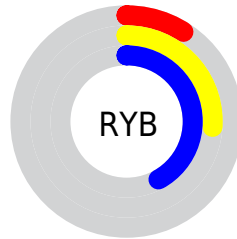
The Hex color **166B63** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6B161E**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **529F96**, and **003B35** is the 20% darker color. If you saturate the color by 10%, you get **0B6B62**, and if you desaturate by 10%, it is **216B64**.

Distribution



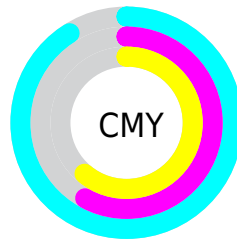
- Red (9%)
- Green (42%)
- Blue (39%)



- Red (9%)
- Yellow (26%)
- Blue (42%)



- Cyan (79%)
- Magenta (0%)
- Yellow (7%)
- Black (58%)



- Cyan (91%)
- Magenta (58%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 166B63 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 166B63 by changing the saturation by 10% instead.



166B63



166B63

FFFFFF



00524B



529F96



003B35



6DBAB0



00251F



89D6CC



000408



A4F2E8



000000



C1FFFF



DDFFFF



FBFFFF



166B63



166B63

■ 0B6B62

■ 216B64

■ 016B61

■ 2B6B65

■ 006B61

■ 366B66

■ 416B67

■ 4C6B68

■ 566B69

■ 616B6A

■ 6C6B6B

■ 766B6C

Harmonies

Analogous

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



386A4D



166B63



006A78

Triad

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



166B63



675983



7C5839

Complementary

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



166B63



6B161E

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.



875148



166B63



7E5172

Square

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



166B63



46608A



884F5C



6A6034

Rectangle

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



166B63



096882



884F5C



81563D

Sweetspot

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



166B63



6B8C89



1E6B16



334745



C7C7C7



474747

Same Dimension

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



166B63



078C80



16496B



303635



00756A



00F5DE

Inverse Universe

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



6B161E



8C0714



6B3816



363031



75000B



F50017

Previews

White Background



This preview shows how the Hex color 166B63 looks on a white background.

Color Contrast Check

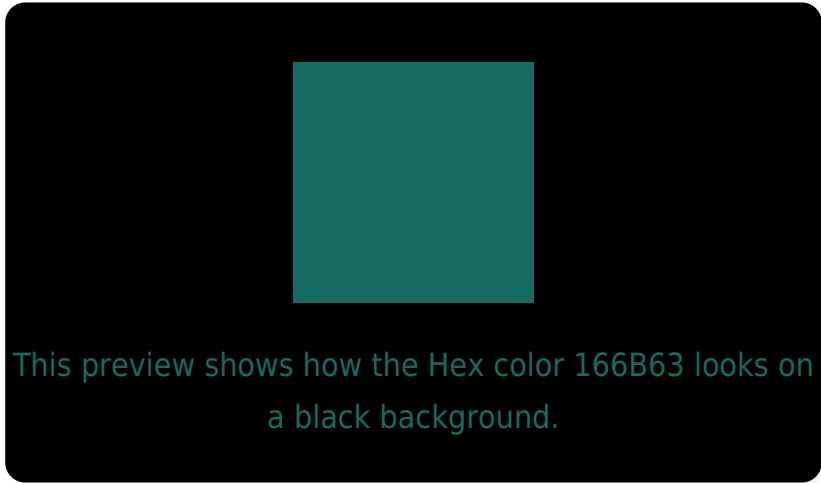
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

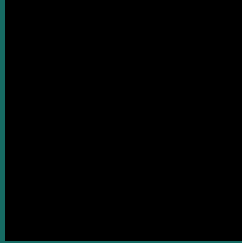
Any Text WCAG AA × Fail

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 166B63 Background



This preview shows how black text looks on a background with the Hex color 166B63.



This preview shows how white text looks on a background with the Hex color 166B63.

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
166B63

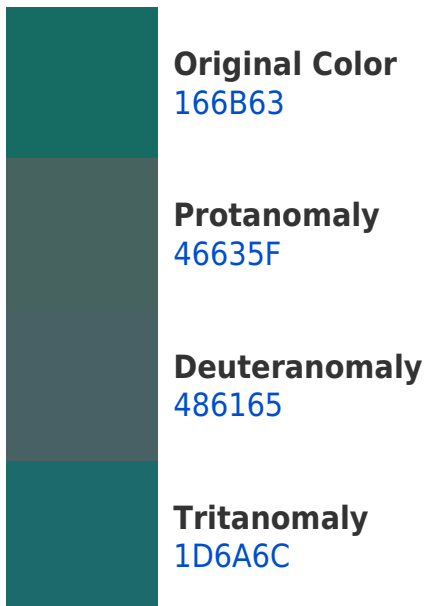
Protanopia
625F5C

Deuteranopia
655C66

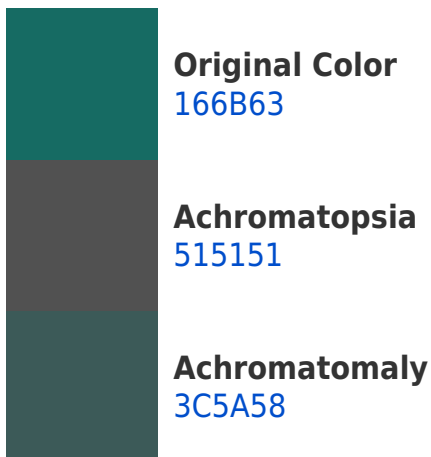


Tritanopia
216971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 166B63 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 #166B63 looks like.

```
.text, #text, p{  
    color:#166B63  
}
```

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 #166B63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #166B63
}
```

Border

The CSS property to change the border of an element to Hex 166B63 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
#166B63 }
```

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

```
.border{ border-color:#166B63 }
```

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

Here you see how a box with a 4 pixel #166B63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #166B63; -webkit-box-shadow:4px 4px  
4px 4px #166B63; box-shadow:4px 4px 4px  
4px #166B63 }
```

Background

The CSS property to change the background color of an element to Hex 166B63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#166B63 }
```

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

```
.background{ background-color:#166B63 }
```

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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