

Converting Colors

Hex(156C66)

Have a look what the booklet for
Hex(156C66) contains.

Hex(156C66)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(156C66)

Conversions

Conversions Part 1

Format	Color
Hex	156C66
RGB	21, 108, 102
RGB Percent	8%, 42%, 40%
CMY	0.9176, 0.5765, 0.6000
CMYK	0.81, 0.00, 0.06, 0.58
HSL	176°, 67%, 25%
HSV	176°, 81%, 42%
XYZ	8.0701, 11.8439, 14.4311
YIQ	81.3030, -49.9260, -20.3100

Conversions

Conversions Part 2

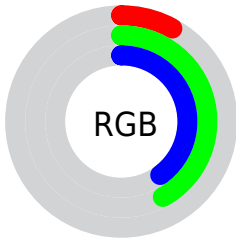
Format	Color
R_{YB}	21, 66, 108
Decimal	1404006
CIE Lab	40.97, -25.79, -3.75
CIE LCh	41, 26.058, 188.279
Yxy	11.8439, 0.2350, 0.3448
Android (android.graphics.Color)	4279594086 (0xFF156C66)
YUV	81.3030, 10.2036, -52.8857
Hunter-Lab	34.4149, -18.3689, -0.7715

Details

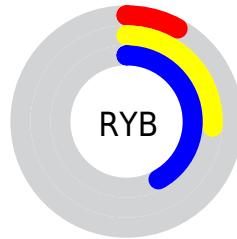
The Hex color **156C66** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6C151B**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **52A099**, and **003C37** is the 20% darker color. If you saturate the color by 10%, you get **0A6C65**, and if you desaturate by 10%, it is **206C67**.

Distribution



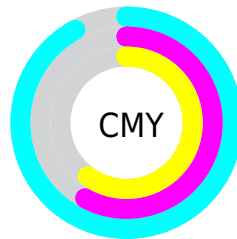
- Red (8%)
- Green (42%)
- Blue (40%)



- Red (8%)
- Yellow (26%)
- Blue (42%)



- Cyan (81%)
- Magenta (0%)
- Yellow (6%)
- Black (58%)




- Cyan (92%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 156C66 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 156C66 by changing the saturation by 10% instead.

 156C66

 156C66

FFFFFF

 00534E

 52A099

 003C37

 6DBBB4

 002622

 89D7CF

 00070C

 A5F4EB

 000000

 C1FFFF

 DEFFFF

 FFFFFFFF

 156C66

 156C66

■ 0A6C65

■ 206C67

■ 006C65

■ 2B6C67

■ 356C68

■ 406C69

■ 4B6C6A

■ 566C6A

■ 616C6B

■ 6B6C6C

■ 766C6D

Harmonies

Analogous

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



376B50



156C66



006B7A

Triad

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



156C66



6B5982



7C5A39

Complementary

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



156C66



6C151B

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.



875347



156C66



805271

Square

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



156C66



4B618B



8A505B



696136

Rectangle

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



156C66



136984



8A505B



80573D

Sweetspot

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



156C66



6B8C8A



1C6C15



334746



C7C7C7



474747

Same Dimension

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



156C66



048C83



15486C



303635



00756D



00F5E4

Inverse Universe

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



6C151B



8C040E



6C3915



363031



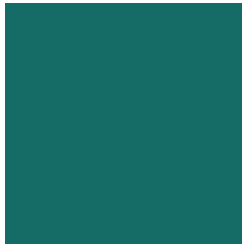
750008



F50011

Previews

White Background



This preview shows how the Hex color 156C66 looks on a white background.

Color Contrast Check

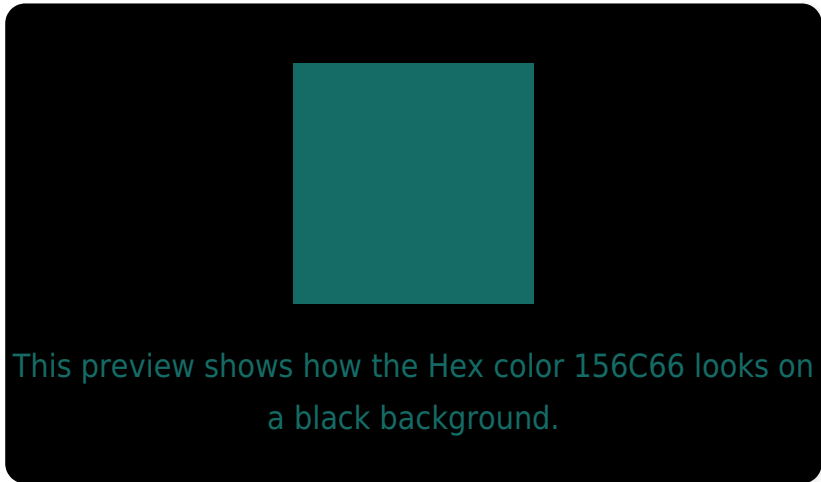
Large Text (above 18pt) WCAG AA ✓ Pass

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

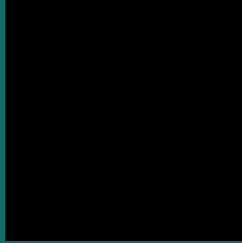
Any Text WCAG AA × Fail

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 156C66 Background



This preview shows how black text looks on a background with the Hex color 156C66.

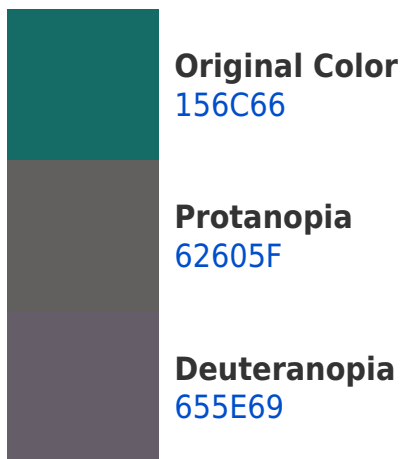



This preview shows how white text looks on a background with the Hex color 156C66.

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](#).

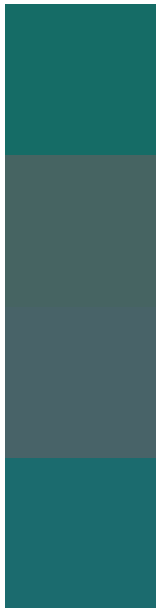
Dichromacy





Tritanopia
1F6A73

Trichromacy



Original Color
156C66

Protanomaly
466462

Deuteranomaly
486368

Tritanomaly
1B6B6E

Monochromacy



Original Color
156C66

Achromatopsia
515151

Achromatomaly
3B5B59

CSS Examples

Text

The CSS property to change the color of the text to Hex 156C66 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 #156C66 looks like.

```
.text, #text, p{  
    color:#156C66  
}
```

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 #156C66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #156C66  
}
```

Border

The CSS property to change the border of an element to Hex 156C66 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  
#156C66 }
```

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

```
.border{ border-color:#156C66 }
```

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

Here you see how a box with a 4 pixel #156C66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #156C66; -webkit-box-shadow:4px 4px  
4px 4px #156C66; box-shadow:4px 4px 4px  
4px #156C66 }
```

Background

The CSS property to change the background color of an element to Hex 156C66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#156C66 }
```

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

```
.background{ background-color:#156C66 }
```

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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