

Converting Colors

Hex(15836C)

Have a look what the booklet for
Hex(15836C) contains.

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Color

Hex(15836C)

Conversions

Conversions Part 1

Format	Color
Hex	15836C
RGB	21, 131, 108
RGB Percent	8%, 51%, 42%
CMY	0.9176, 0.4863, 0.5765
CMYK	0.84, 0.00, 0.18, 0.49
HSL	167°, 72%, 30%
HSV	167°, 84%, 51%
XYZ	11.1323, 17.4747, 16.9736
YIQ	95.4880, -58.1770, -30.4730

Conversions

Conversions Part 2

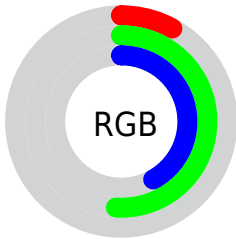
Format	Color
R_{YB}	21, 82, 131
Decimal	1409900
CIE _{Lab}	48.85, -34.90, 4.18
CIE _{LCh}	49, 35.151, 173.176
Yxy	17.4747, 0.2442, 0.3834
Android (android.graphics.Color)	4279599980 (0xFF15836C)
YUV	95.4880, 6.1684, -65.3260
Hunter-Lab	41.8028, -25.6193, 5.1879

Details

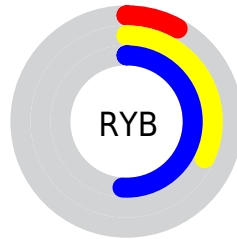
The Hex color **15836C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **83152C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **57B99F**, and **00513D** is the 20% darker color. If you saturate the color by 10%, you get **088369**, and if you desaturate by 10%, it is **22836F**.

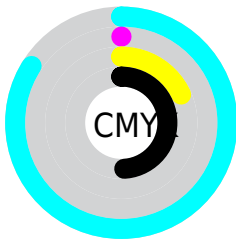
Distribution



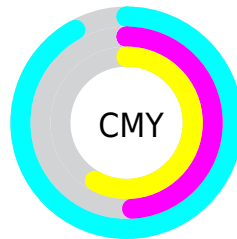
- Red (8%)
- Green (51%)
- Blue (42%)



- Red (8%)
- Yellow (32%)
- Blue (51%)



- Cyan (84%)
- Magenta (0%)
- Yellow (18%)
- Black (49%)



- Cyan (92%)
- Magenta (49%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15836C 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 15836C by changing the saturation by 10% instead.



15836C



15836C

FFFFFF



006954



57B99F



00513D



74D5BA



003927



90F1D6



002412



ACFFF2



000000



C9FFFF



E7FFFF



15836C



15836C



088369



22836F

■ 008368

■ 2F8371

■ 3C8374

■ 498377

■ 56837A

■ 64837C

■ 71837F

■ 7E8382

■ 8B8385

Harmonies

Analogous

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



4C804F



15836C



00838A

Triad

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



15836C



6C6FAB



A26545

Complementary

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



15836C



83152C

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.



AC5D5E



15836C



936498

Square

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



15836C



3279AF



A85C7C



8C7038

Rectangle

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



15836C



00819C



A85C7C



A7624D

Sweetspot

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



15836C



80ABA2



2D8315



3D5751



D6D6D6



575757

Same Dimension

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



15836C



00AB87



156483



3C4241



008267



000302

Inverse Universe

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



83152C



AB0024



833415



423C3D



82001B



030001

Previews

White Background



This preview shows how the Hex color 15836C looks on a white background.

Color Contrast Check

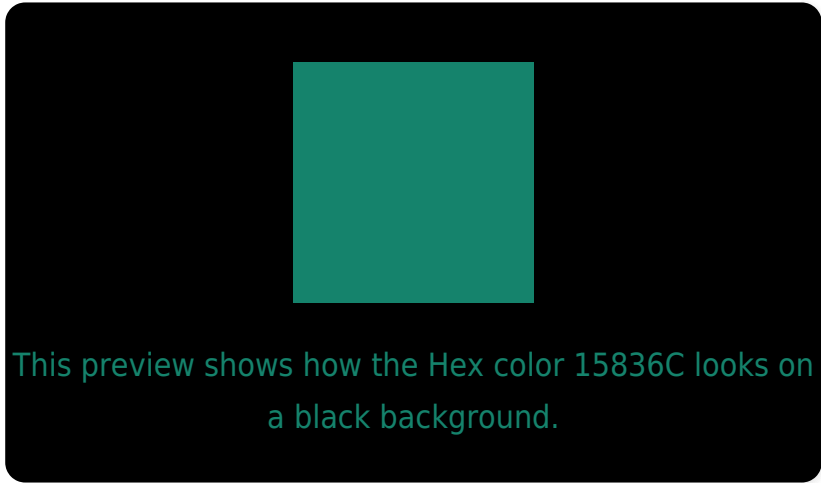
Large Text (above 18pt) WCAG AA ✓ Pass

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

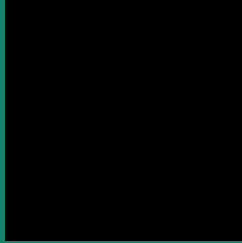
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 15836C Background



This preview shows how black text looks on a background with the Hex color 15836C.

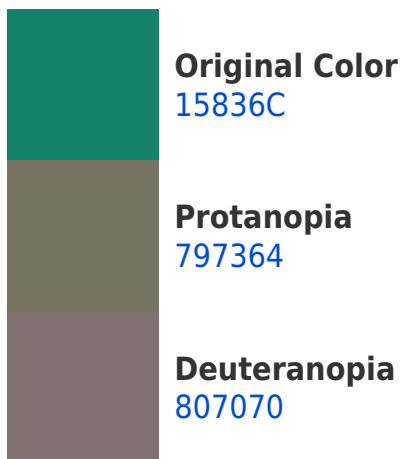


This preview shows how white text looks on a background with the Hex color 15836C.

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](#).

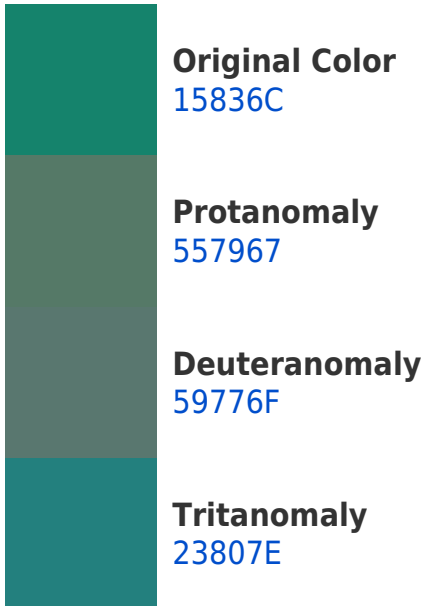
Dichromacy



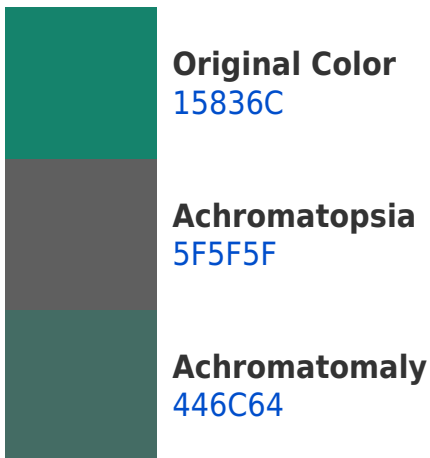


Tritanopia
2B7F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 15836C 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 #15836C looks like.

```
.text, #text, p{  
    color:#15836C  
}
```

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 #15836C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15836C
}
```

Border

The CSS property to change the border of an element to Hex 15836C 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
#15836C }
```

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

```
.border{ border-color:#15836C }
```

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

Here you see how a box with a 4 pixel #15836C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15836C; -webkit-box-shadow:4px 4px  
4px 4px #15836C; box-shadow:4px 4px 4px  
4px #15836C }
```

Background

The CSS property to change the background color of an element to Hex 15836C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15836C }
```

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

```
.background{ background-color:#15836C }
```

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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