

Converting Colors

Hex(156859)

Have a look what the booklet for
Hex(156859) contains.

Hex(156859)	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(156859)

Conversions

Conversions Part 1

Format	Color
Hex	156859
RGB	21, 104, 89
RGB Percent	8%, 41%, 35%
CMY	0.9176, 0.5922, 0.6510
CMYK	0.80, 0.00, 0.14, 0.59
HSL	169°, 66%, 25%
HSV	169°, 80%, 41%
XYZ	7.0627, 10.7813, 11.1600
YIQ	77.4730, -44.6530, -22.2610

Conversions

Conversions Part 2

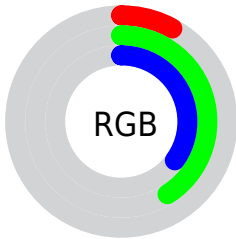
Format	Color
RYB	21, 67, 104
Decimal	1402969
CIELab	39.21, -27.77, 1.59
CIElCh	39, 27.811, 176.719
Yxy	10.7813, 0.2435, 0.3717
Android (android.graphics.Color)	4279593049 (0xFF156859)
YUV	77.4730, 5.6828, -49.5268
Hunter-Lab	32.8349, -19.0660, 2.8329

Details

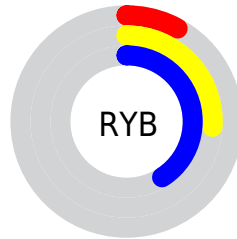
The Hex color **156859** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **681524**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **509C8B**, and **00382C** is the 20% darker color. If you saturate the color by 10%, you get **0B6857**, and if you desaturate by 10%, it is **1F685B**.

Distribution



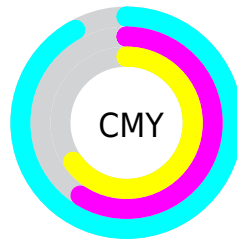
- Red (8%)
- Green (41%)
- Blue (35%)



- Red (8%)
- Yellow (26%)
- Blue (41%)



- Cyan (80%)
- Magenta (0%)
- Yellow (14%)
- Black (59%)



- Cyan (92%)
- Magenta (59%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 156859 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 156859 by changing the saturation by 10% instead.

 156859

 156859

FFFFFF

 004F42

 509C8B

 00382C

 6BB7A5

 002317

 86D3C0

 000000

 A2EFDC

 BEFFF9

 DBFFFF

 F8FFFF

 156859

 156859

■ 0B6857

■ 1F685B

■ 006855

■ 2A685D

■ 34685F

■ 3F6861

■ 496862

■ 536864

■ 5E6866

■ 686868

■ 73686A

Harmonies

Analogous

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



3B6643



156859



006870

Triad

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



156859



5B5785



7E5237

Complementary

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



156859



681524

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.



874C49



156859



764F75

Square

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



156859



335F89



854A60



6D5A2F

Rectangle

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



156859



00667D



854A60



82503C

Sweetspot

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



156859



678781



246815



314541



C4C4C4



454545

Same Dimension

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



156859



058770



154E68



2E3332



00735E



00F2C6

Inverse Universe

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



681524



87051D



682F15



332E2F



730015



F2002C

Previews

White Background



This preview shows how the Hex color 156859 looks on a white background.

Color Contrast Check

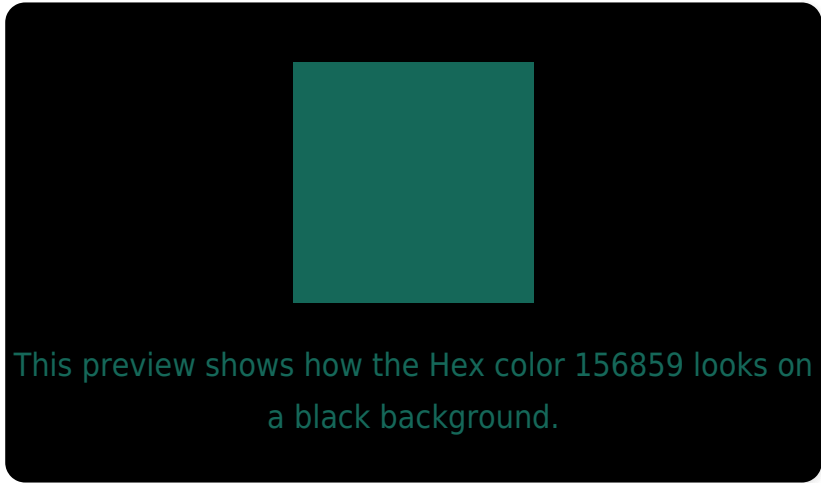
Large Text (above 18pt) WCAG AA ✓ Pass

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

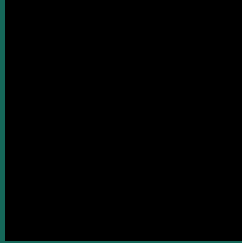
Any Text WCAG AA × Fail

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 156859 Background



This preview shows how black text looks on a background with the Hex color 156859.

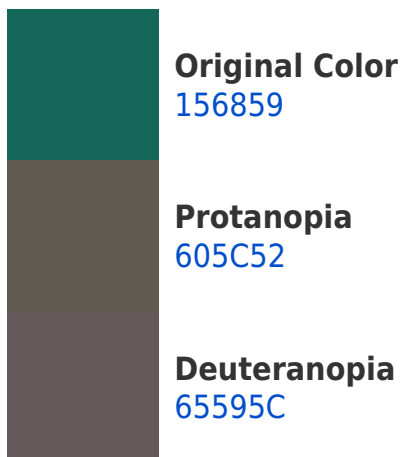



This preview shows how white text looks on a background with the Hex color 156859.

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](#).

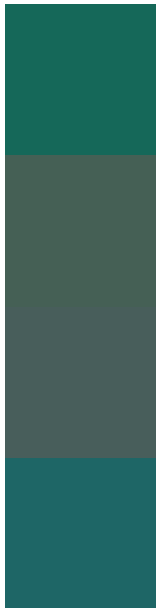
Dichromacy





Tritanopia
23656D

Trichromacy



Original Color
156859

Protanomaly
456055

Deuteranomaly
485E5B

Tritanomaly
1E6666

Monochromacy



Original Color
156859

Achromatopsia
4D4D4D

Achromatomaly
395751

CSS Examples

Text

The CSS property to change the color of the text to Hex 156859 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 #156859 looks like.

```
.text, #text, p{  
    color:#156859  
}
```

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 #156859 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #156859
}
```

Border

The CSS property to change the border of an element to Hex 156859 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
#156859 }
```

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

```
.border{ border-color:#156859 }
```

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

Here you see how a box with a 4 pixel #156859 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #156859; -webkit-box-shadow:4px 4px  
4px 4px #156859; box-shadow:4px 4px 4px  
4px #156859 }
```

Background

The CSS property to change the background color of an element to Hex 156859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#156859 }
```

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

```
.background{ background-color:#156859 }
```

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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