

Converting Colors

Hex(156B59)

Have a look what the booklet for
Hex(156B59) contains.

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Color

Hex(156B59)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 156B59 |
| RGB | 21, 107, 89 |
| RGB Percent | 8%, 42%, 35% |
| CMY | 0.9176, 0.5804, 0.6510 |
| CMYK | 0.80, 0.00, 0.17, 0.58 |
| HSL | 167°, 67%, 25% |
| HSV | 167°, 80%, 42% |
| XYZ | 7.3701, 11.3961, 11.2624 |
| YIQ | 79.2340, -45.4780, -23.8300 |

Conversions

Conversions Part 2

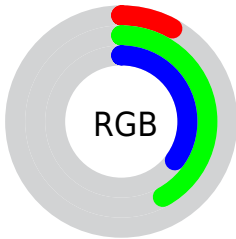
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 21, 69, 107 |
| Decimal | 1403737 |
| CIELab | 40.24, -29.20, 3.08 |
| CIElCh | 40, 29.361, 173.975 |
| Yxy | 11.3961, 0.2454, 0.3795 |
| Android (android.graphics.Color) | 4279593817 (0xFF156B59) |
| YUV | 79.2340, 4.8146, -51.0712 |
| Hunter-Lab | 33.7581, -20.1062, 3.8503 |

Details

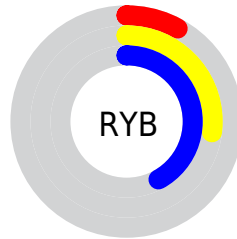
The Hex color **156B59** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6B1527**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **519F8B**, and **003B2C** is the 20% darker color. If you saturate the color by 10%, you get **0A6B57**, and if you desaturate by 10%, it is **206B5B**.

Distribution



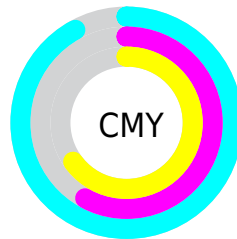
- Red (8%)
- Green (42%)
- Blue (35%)



- Red (8%)
- Yellow (27%)
- Blue (42%)



- Cyan (80%)
- Magenta (0%)
- Yellow (17%)
- Black (58%)




- Cyan (92%)
- Magenta (58%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 156B59 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 156B59 by changing the saturation by 10% instead.

 156B59

 156B59

FFFFFF

 005242

 519F8B

 003B2C

 6CBAA5

 002517

 87D6C0

 000200

 A3F3DC

 000000

 BFFFF9

 DCFFFF

 F9FFFF

 156B59

 156B59

■ 0A6B57

■ 206B5B

■ 006B55

■ 2A6B5D

■ 356B60

■ 406B62

■ 4A6B64

■ 556B66

■ 606B69

■ 6B6B6B

■ 756B6D

Harmonies

Analogous

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



3E6842



156B59



006B72

Triad

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



156B59



5A5A8B



845339

Complementary

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



156B59



6B1527

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.



8C4D4D



156B59



78517B

Square

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



156B59



2D638E



894C65



725C2E

Rectangle

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



156B59



006A7F



894C65



88513F

Sweetspot

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



156B59



6B8C85



286B15



334743



C7C7C7



474747

Same Dimension

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



156B59



068C70



15536B



303634



00755D



00F5C2

Inverse Universe

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



6B1527



8C0622



6B2D15



363031



750019



F50033

Previews

White Background



This preview shows how the Hex color 156B59 looks on a white background.

Color Contrast Check

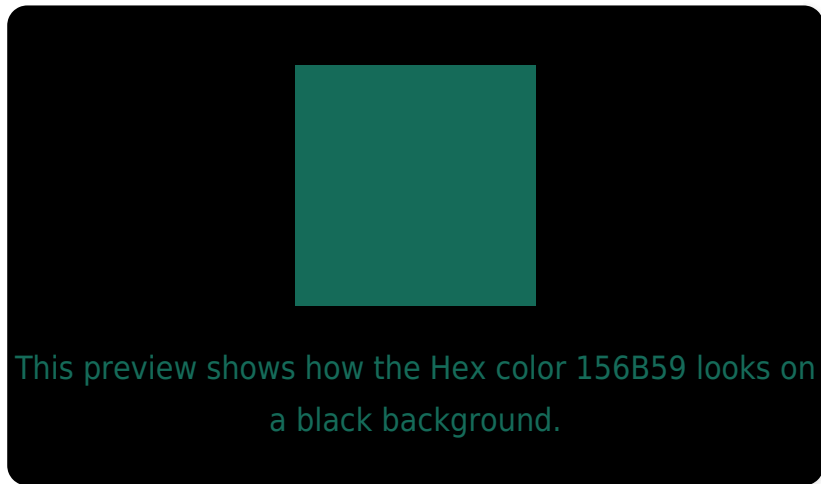
Large Text (above 18pt) WCAG AA ✓ Pass

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

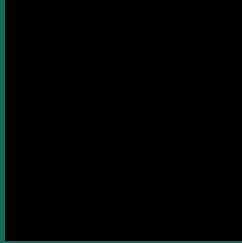
Any Text WCAG AA × Fail

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 156B59 Background



This preview shows how black text looks on a background with the Hex color 156B59.

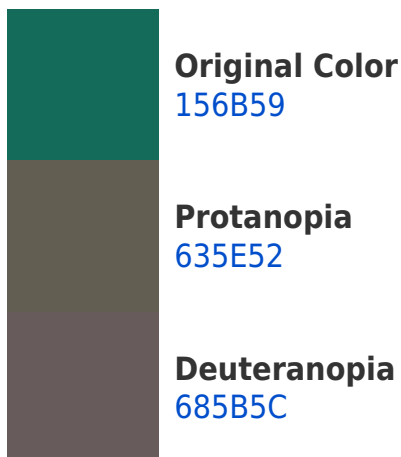


This preview shows how white text looks on a background with the Hex color 156B59.

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
246870

Trichromacy



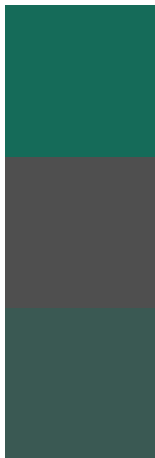
Original Color
156B59

Protanomaly
476355

Deuteranomaly
4A615B

Tritanomaly
1F6968

Monochromacy



Original Color
156B59

Achromatopsia
4F4F4F

Achromatomaly
3A5953

CSS Examples

Text

The CSS property to change the color of the text to Hex 156B59 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 #156B59 looks like.

```
.text, #text, p{  
    color:#156B59  
}
```

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 #156B59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #156B59
}
```

Border

The CSS property to change the border of an element to Hex 156B59 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
#156B59 }
```

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

```
.border{ border-color:#156B59 }
```

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

Here you see how a box with a 4 pixel #156B59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #156B59; -webkit-box-shadow:4px 4px  
4px 4px #156B59; box-shadow:4px 4px 4px  
4px #156B59 }
```

Background

The CSS property to change the background color of an element to Hex 156B59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#156B59 }
```

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

```
.background{ background-color:#156B59 }
```

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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