

Converting Colors

Hex(156758)

Have a look what the booklet for
Hex(156758) contains.

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Color

Hex(156758)

Conversions

Conversions Part 1

Format	Color
Hex	156758
RGB	21, 103, 88
RGB Percent	8%, 40%, 35%
CMY	0.9176, 0.5961, 0.6549
CMYK	0.80, 0.00, 0.15, 0.60
HSL	169°, 66%, 24%
HSV	169°, 80%, 40%
XYZ	6.9210, 10.5645, 10.9069
YIQ	76.7720, -44.0570, -22.0490

Conversions

Conversions Part 2

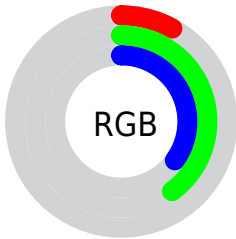
Format	Color
R_{YB}	21, 66, 103
Decimal	1402712
CIE _{Lab}	38.84, -27.58, 1.66
CIE _{LCh}	39, 27.625, 176.551
Yxy	10.5645, 0.2438, 0.3721
Android (android.graphics.Color)	4279592792 (0xFF156758)
YUV	76.7720, 5.5354, -48.9120
Hunter-Lab	32.5031, -18.8720, 2.8565

Details

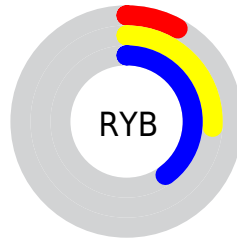
The Hex color **156758** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **671524**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **509B8A**, and **00372B** is the 20% darker color. If you saturate the color by 10%, you get **0B6756**, and if you desaturate by 10%, it is **1F675A**.

Distribution



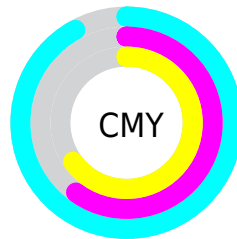
- Red (8%)
- Green (40%)
- Blue (35%)



- Red (8%)
- Yellow (26%)
- Blue (40%)



- Cyan (80%)
- Magenta (0%)
- Yellow (15%)
- Black (60%)



- Cyan (92%)
- Magenta (60%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 156758 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 156758 by changing the saturation by 10% instead.

 156758

 156758

FFFFFF

 004F41

 509B8A

 00372B

 6BB6A4

 002216

 86D1BF

 000000

 A1EEDB

 BDFFF7

 DAFFFF

 F7FFFF

 156758

 156758

■ 0B6756

■ 1F675A

■ 006754

■ 2A675C

■ 34675E

■ 3E6760

■ 496761

■ 536763

■ 5D6765

■ 676767

■ 726769

Harmonies

Analogous

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



3A6542



156758



00676F

Triad

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



156758



5A5784



7D5137

Complementary

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



156758



671524

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.



864B49



156758



754E74

Square

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



156758



335F88



844A5F



6C592E

Rectangle

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



156758



00657B



844A5F



814F3C

Sweetspot

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



156758



678781



246715



314541



C4C4C4



454545

Same Dimension

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



156758



05876F



154D67



2E3332



00735E



00F2C6

Inverse Universe

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



671524



87051D



672F15



332E2F



730015



F2002C

Previews

White Background



This preview shows how the Hex color 156758 looks on a white background.

Color Contrast Check

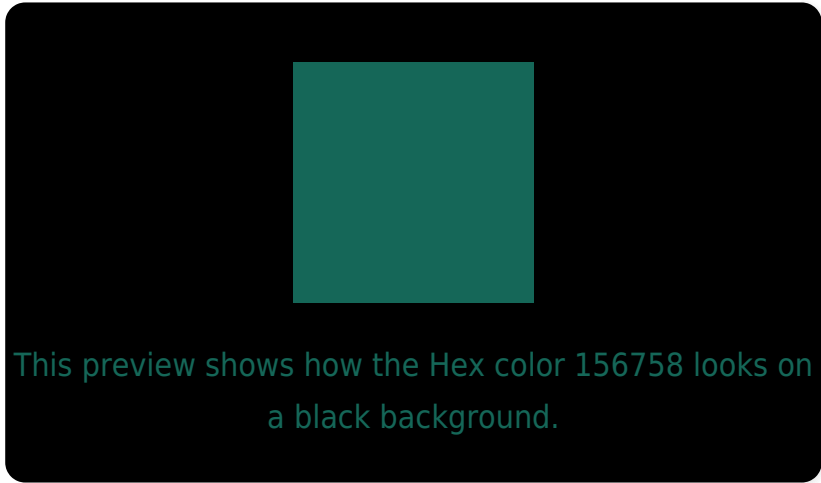
Large Text (above 18pt) WCAG AA ✓ Pass

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

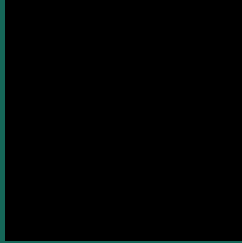
Any Text WCAG AA × Fail

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 156758 Background



This preview shows how black text looks on a background with the Hex color 156758.

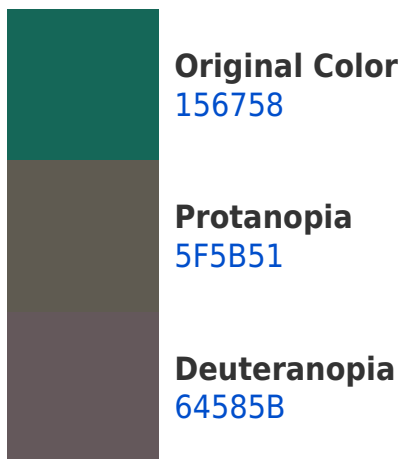



This preview shows how white text looks on a background with the Hex color 156758.

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](#).

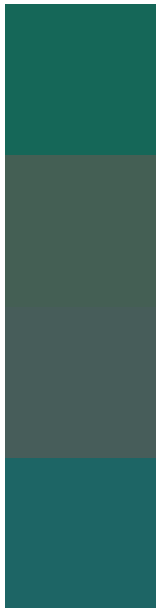
Dichromacy





Tritanopia
22646C

Trichromacy



Original Color
156758

Protanomaly
445F54

Deuteranomaly
475D5A

Tritanomaly
1D6565

Monochromacy



Original Color
156758

Achromatopsia
4D4D4D

Achromatomaly
395651

CSS Examples

Text

The CSS property to change the color of the text to Hex 156758 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 #156758 looks like.

```
.text, #text, p{  
    color:#156758  
}
```

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 #156758 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #156758
}
```

Border

The CSS property to change the border of an element to Hex 156758 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
#156758 }
```

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

```
.border{ border-color:#156758 }
```

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

Here you see how a box with a 4 pixel #156758 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #156758; -webkit-box-shadow:4px 4px  
4px 4px #156758; box-shadow:4px 4px 4px  
4px #156758 }
```

Background

The CSS property to change the background color of an element to Hex 156758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#156758 }
```

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

```
.background{ background-color:#156758 }
```

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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