

Converting Colors

Hex(156660)

Have a look what the booklet for
Hex(156660) contains.

Hex(156660)	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(156660)

Conversions

Conversions Part 1

Format	Color
Hex	156660
RGB	21, 102, 96
RGB Percent	8%, 40%, 38%
CMY	0.9176, 0.6000, 0.6235
CMYK	0.79, 0.00, 0.06, 0.60
HSL	176°, 66%, 24%
HSV	176°, 79%, 40%
XYZ	7.1720, 10.5067, 12.7163
YIQ	77.0970, -46.3500, -19.0380

Conversions

Conversions Part 2

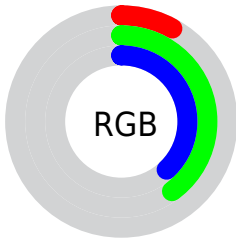
Format	Color
R_{YB}	21, 63, 102
Decimal	1402464
CIE _{Lab}	38.74, -24.65, -3.39
CIE _{LCh}	39, 24.881, 187.823
Yxy	10.5067, 0.2360, 0.3457
Android (android.graphics.Color)	4279592544 (0xFF156660)
YUV	77.0970, 9.3192, -49.1971
Hunter-Lab	32.4140, -17.2295, -0.5702

Details

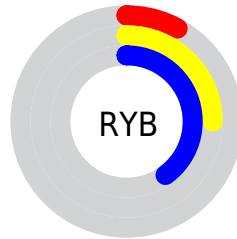
The Hex color **156660** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **66151B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **509992**, and **003632** is the 20% darker color. If you saturate the color by 10%, you get **0B665F**, and if you desaturate by 10%, it is **1F6661**.

Distribution



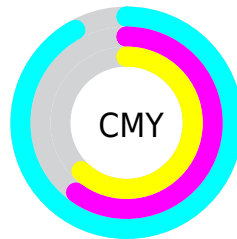
- Red (8%)
- Green (40%)
- Blue (38%)



- Red (8%)
- Yellow (25%)
- Blue (40%)



- Cyan (79%)
- Magenta (0%)
- Yellow (6%)
- Black (60%)



- Cyan (92%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 156660 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 156660 by changing the saturation by 10% instead.

156660

156660

FFFFFF

004E48

509992

003632

6BB4AD

00221D

86D0C8

000003

A2EDE4

000000

BEFFFF

DBFFFF

F8FFFF

156660

156660

■ 0B665F

■ 1F6661

■ 01665E

■ 296662

■ 00665E

■ 346662

■ 3E6663

■ 486664

■ 526665

■ 5C6665

■ 676666

■ 716667

Harmonies

Analogous

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



34654B



156660



006573

Triad

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



156660



64547B



755536

Complementary

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



156660



66151B

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.



804E43



156660



794E6B

Square

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



156660



465B83



824B57



635C33

Rectangle

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



156660



12637D



824B57



7A523A

Sweetspot

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



156660



658582



1C6615



2F4241



C2C2C2



424242

Same Dimension

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



156660



07857B



154466



2E3333



00736A



00F2E0

Inverse Universe

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



66151B



850710



663715



332E2E



730009



F20012

Previews

White Background



This preview shows how the Hex color 156660 looks on a white background.

Color Contrast Check

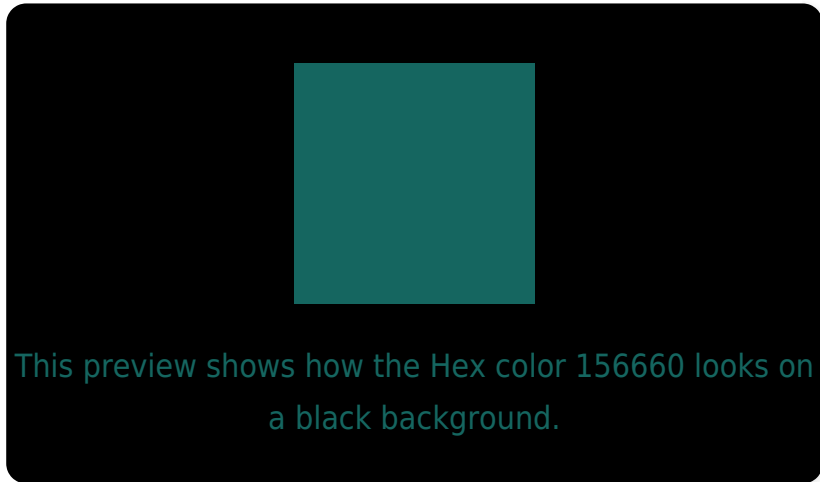
Large Text (above 18pt) WCAG AA ✓ Pass

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

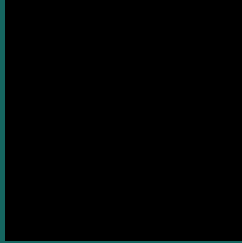
Any Text WCAG AA × Fail

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 156660 Background



This preview shows how black text looks on a background with the Hex color 156660.

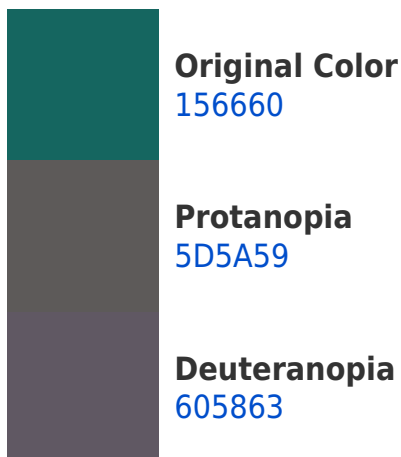


This preview shows how white text looks on a background with the Hex color 156660.

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
1E646C

Trichromacy



Original Color
156660

Protanomaly
435E5C

Deuteranomaly
455D62

Tritanomaly
1B6568

Monochromacy



Original Color
156660

Achromatopsia
4D4D4D

Achromatomaly
395654

CSS Examples

Text

The CSS property to change the color of the text to Hex 156660 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 #156660 looks like.

```
.text, #text, p{  
    color:#156660  
}
```

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 #156660 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #156660
}
```

Border

The CSS property to change the border of an element to Hex 156660 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
#156660 }
```

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

```
.border{ border-color:#156660 }
```

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

Here you see how a box with a 4 pixel #156660 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #156660; -webkit-box-shadow:4px 4px  
4px 4px #156660; box-shadow:4px 4px 4px  
4px #156660 }
```

Background

The CSS property to change the background color of an element to Hex 156660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#156660 }
```

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

```
.background{ background-color:#156660 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor