

Converting Colors

Hex(156067)

Have a look what the booklet for
Hex(156067) contains.

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Color

Hex(156067)

Conversions

Conversions Part 1

Format	Color
Hex	156067
RGB	21, 96, 103
RGB Percent	8%, 38%, 40%
CMY	0.9176, 0.6235, 0.5961
CMYK	0.80, 0.07, 0.00, 0.60
HSL	185°, 66%, 24%
HSV	185°, 80%, 40%
XYZ	6.9403, 9.5044, 14.3007
YIQ	74.3730, -46.9470, -13.7230

Conversions

Conversions Part 2

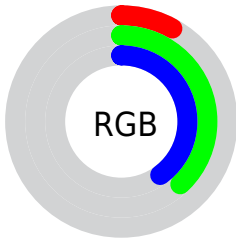
Format	Color
R_{YB}	21, 60, 103
Decimal	1400935
CIE _{Lab}	36.94, -19.19, -10.39
CIE _{LCh}	37, 21.827, 208.428
Yxy	9.5044, 0.2257, 0.3091
Android (android.graphics.Color)	4279591015 (0xFF156067)
YUV	74.3730, 14.1131, -46.8081
Hunter-Lab	30.8293, -13.7672, -5.9222

Details

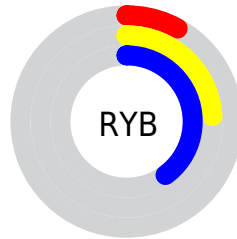
The Hex color **156067** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **671C15**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **50939A**, and **003138** is the 20% darker color. If you saturate the color by 10%, you get **0B5F67**, and if you desaturate by 10%, it is **1F6167**.

Distribution



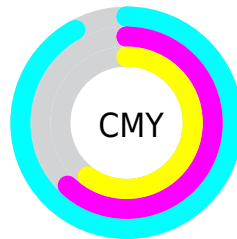
- Red (8%)
- Green (38%)
- Blue (40%)



- Red (8%)
- Yellow (24%)
- Blue (40%)



- Cyan (80%)
- Magenta (7%)
- Yellow (0%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 156067 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 156067 by changing the saturation by 10% instead.

156067

156067

FFFFFF

00484F

50939A

003138

6BAEB5

001D23

86C9D0

00000C

A2E5ED

000000

BEFFFF

DBFFFF

F8FFFF

156067

156067

■ 0B5F67

■ 1F6167

■ 005E67

■ 2A6267

■ 346367

■ 3E6467

■ 496467

■ 536567

■ 5D6667

■ 676767

■ 726867

Harmonies

Analogous

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



276055



156067



215E74

Triad

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



156067



6C4D6A



645634

Complementary

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



156067



671C15

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.



724F3A



156067



784A59

Square

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



156067



585376



794B47



515B37

Rectangle

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



156067



335B79



794B47



695335

Sweetspot

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



156067



678487



15671C



314345



C4C4C4



454545

Same Dimension

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



156067



057C87



153767



2E3333



006973



00DEF2

Inverse Universe

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



671560



87057C



674515



332E33



730069



F200DE

Previews

White Background



This preview shows how the Hex color 156067 looks on a white background.

Color Contrast Check

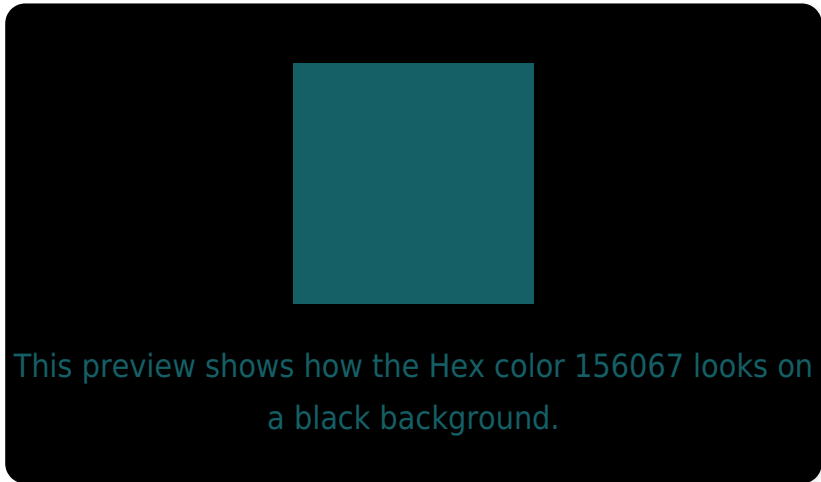
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

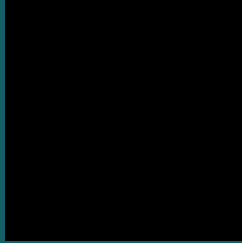
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

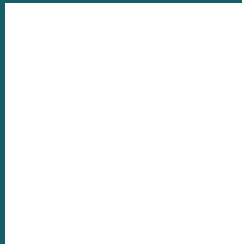
Any Text WCAG AAA × Fail

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

Hex 156067 Background



This preview shows how black text looks on a background with the Hex color 156067.

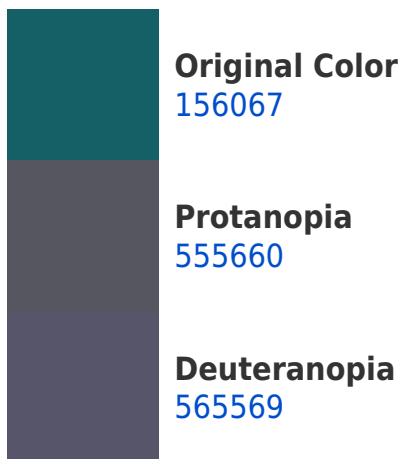



This preview shows how white text looks on a background with the Hex color 156067.

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](#).

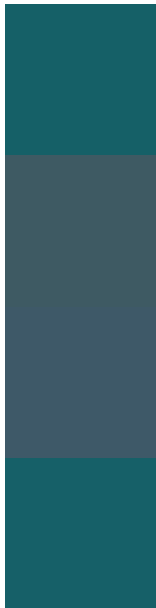
Dichromacy





Tritanopia
166068

Trichromacy



Original Color
156067

Protanomaly
3E5A63

Deuteranomaly
3E5968

Tritanomaly
166068

Monochromacy



Original Color
156067

Achromatopsia
4A4A4A

Achromatomaly
375255

CSS Examples

Text

The CSS property to change the color of the text to Hex 156067 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 #156067 looks like.

```
.text, #text, p{  
    color:#156067  
}
```

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 #156067 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #156067
}
```

Border

The CSS property to change the border of an element to Hex 156067 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
#156067 }
```

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

```
.border{ border-color:#156067 }
```

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

Here you see how a box with a 4 pixel #156067 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #156067; -webkit-box-shadow:4px 4px  
4px 4px #156067; box-shadow:4px 4px 4px  
4px #156067 }
```

Background

The CSS property to change the background color of an element to Hex 156067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#156067 }
```

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

```
.background{ background-color:#156067 }
```

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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