

# Converting Colors

Hex(157461)

Have a look what the booklet for  
Hex(157461) contains.

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# Color

**Hex(157461)**

# Conversions

## Conversions Part 1

Format	Color
Hex	157461
RGB	21, 116, 97
RGB Percent	8%, 45%, 38%
CMY	0.9176, 0.5451, 0.6196
CMYK	0.82, 0.00, 0.16, 0.55
HSL	168°, 69%, 27%
HSV	168°, 82%, 45%
XYZ	8.7123, 13.5133, 13.4584
YIQ	85.4290, -50.5210, -26.0490

# Conversions

## Conversions Part 2

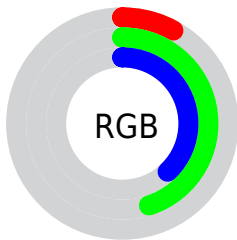
<b>Format</b>	<b>Color</b>
<b>RYB</b>	21, 74, 116
Decimal	1406049
CIELab	43.53, -31.14, 3.01
CIELCh	44, 31.283, 174.486
Yxy	13.5133, 0.2442, 0.3787
Android (android.graphics.Color)	4279596129 (0xFF157461)
YUV	85.4290, 5.7045, -56.5042
Hunter-Lab	36.7604, -22.0257, 4.0256

# Details

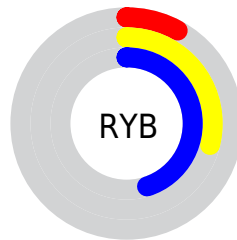
The Hex color **157461** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **741528**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **53A994**, and **004333** is the 20% darker color. If you saturate the color by 10%, you get **09745F**, and if you desaturate by 10%, it is **217463**.

# Distribution



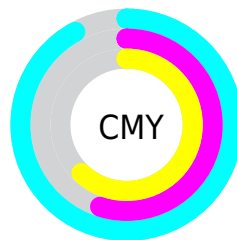
- Red (8%)
- Green (45%)
- Blue (38%)



- Red (8%)
- Yellow (29%)
- Blue (45%)



- Cyan (82%)
- Magenta (0%)
- Yellow (16%)
- Black (55%)



- Cyan (92%)
- Magenta (55%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 157461 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 157461 by changing the saturation by 10% instead.



 157461

 157461

FFFFFF

 005B49

 53A994

 004333

 6FC4AE

 002C1E

 8AE0C9

 001505

 A6FDE6

 000000

 C3FFFF

 E0FFFF

 F0FFFF

 157461

 157461

■ 09745F

■ 217463

■ 00745D

■ 2C7466

■ 387468

■ 43746A

■ 4F746D

■ 5B746F

■ 667471

■ 727474

■ 7D7476

# Harmonies

## Analogous

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



437148



157461



00747B

# Triad

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



157461



626296



8E5A3D

# Complementary

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



157461



741528

# 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.



985353



157461



835885

# Square

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



157461



326B9A



95526D



7B6432

# Rectangle

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



157461



00728A



95526D



935844



# Sweetspot

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



157461



71968F



287415



364D48



CCCCCC



4D4D4D



# Same Dimension

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



157461



039679



155774



353B39



007A62



00FAC8



# Inverse Universe

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



741528



960320



743215



3B3536



7A0018



FA0032



# Previews

## White Background



This preview shows how the Hex color 157461 looks on a white background.

## Color Contrast Check

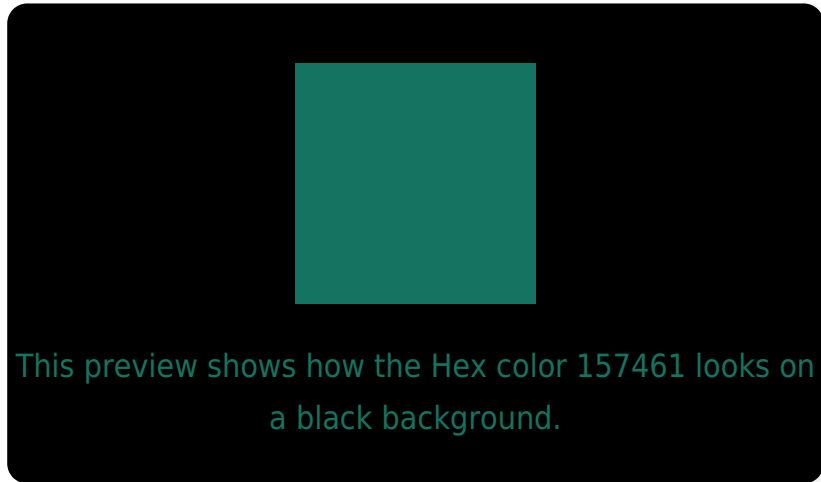
Large Text (above 18pt) WCAG AA ✓ Pass

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

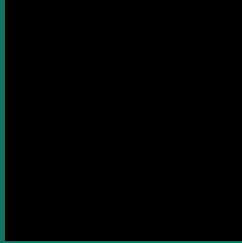
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 157461 Background



This preview shows how black text looks on a background with the Hex color 157461.

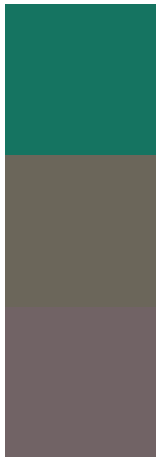


This preview shows how white text looks on a background with the Hex color 157461.

# 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



**Original Color**  
157461

**Protanopia**  
6B665A

**Deuteranopia**  
716365



**Tritanopia**  
26717A

# Trichromacy



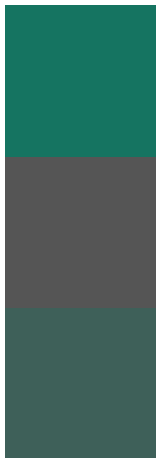
**Original Color**  
157461

**Protanomaly**  
4C6B5D

**Deuteranomaly**  
506964

**Tritanomaly**  
207271

# Monochromacy



**Original Color**  
157461

**Achromatopsia**  
555555

**Achromatomaly**  
3E6059

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 157461 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 #157461 looks like.

```
.text, #text, p{  
    color:#157461  
}
```

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 #157461 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #157461
}
```

## Border

The CSS property to change the border of an element to Hex 157461 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
#157461 }
```

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

```
.border{ border-color:#157461 }
```

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

Here you see how a box with a 4 pixel #157461 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #157461; -webkit-box-shadow:4px 4px  
4px 4px #157461; box-shadow:4px 4px 4px  
4px #157461 }
```

# Background

The CSS property to change the background color of an element to Hex 157461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#157461 }
```

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

```
.background{ background-color:#157461 }
```

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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