

# Converting Colors

Hex(177161)

Have a look what the booklet for  
Hex(177161) contains.

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# Color

**Hex(177161)**

# Conversions

## Conversions Part 1

Format	Color
Hex	177161
RGB	23, 113, 97
RGB Percent	9%, 44%, 38%
CMY	0.9098, 0.5569, 0.6196
CMYK	0.80, 0.00, 0.14, 0.56
HSL	169°, 66%, 27%
HSV	169°, 80%, 44%
XYZ	8.4161, 12.8555, 13.3470
YIQ	84.2660, -48.5040, -24.0560

# Conversions

## Conversions Part 2

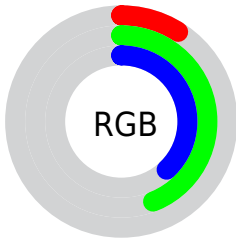
<b>Format</b>	<b>Color</b>
<b>RYB</b>	23, 72, 113
Decimal	1536353
CIELab	42.54, -29.49, 1.59
CIElCh	43, 29.532, 176.917
Yxy	12.8555, 0.2431, 0.3713
Android (android.graphics.Color)	4279726433 (0xFF177161)
YUV	84.2660, 6.2779, -53.7303
Hunter-Lab	35.8545, -20.8461, 3.0272

# Details

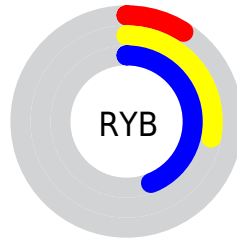
The Hex color **177161** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **711727**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **53A594**, and **004033** is the 20% darker color. If you saturate the color by 10%, you get **0C715F**, and if you desaturate by 10%, it is **227163**.

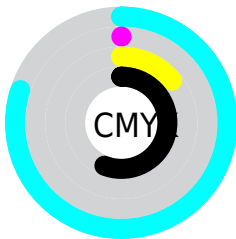
# Distribution



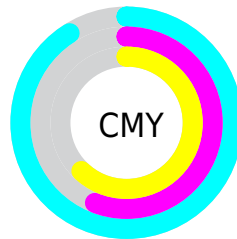
- Red (9%)
- Green (44%)
- Blue (38%)



- Red (9%)
- Yellow (28%)
- Blue (44%)



- Cyan (80%)
- Magenta (0%)
- Yellow (14%)
- Black (56%)



- Cyan (91%)
- Magenta (56%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 177161 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 177161 by changing the saturation by 10% instead.



 177161

 177161

FFFFFF

 005849

 53A594

 004033

 6FC1AE

 002A1E

 8ADDC9

 001005

 A6FAE6

 000000

 C3FFFF

 E0FFFF

 F0FFFF

 177161

 177161

■ 0C715F

■ 227163

■ 00715D

■ 2E7165

■ 397167

■ 447169

■ 4F716B

■ 5B716D

■ 66716F

■ 717171

■ 7D7173

# Harmonies

## Analogous

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



406F49



177161



00717A

# Triad

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



177161



635F90



895A3C

# Complementary

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



177161



711727

# 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.



935350



177161



81567F

# Square

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



177161



396895



905168



766233

# Rectangle

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



177161



006F87



905168



8D5742



# Sweetspot

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



177161



70948E



287117



354A46



C9C9C9



4A4A4A



# Same Dimension

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



177161



06947B



175471



323837



007863



00F7CB



# Inverse Universe

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



711727



94061F



713317



383233



780015

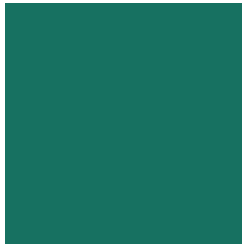


F7002C



# Previews

## White Background



This preview shows how the Hex color 177161 looks on a white background.

## Color Contrast Check

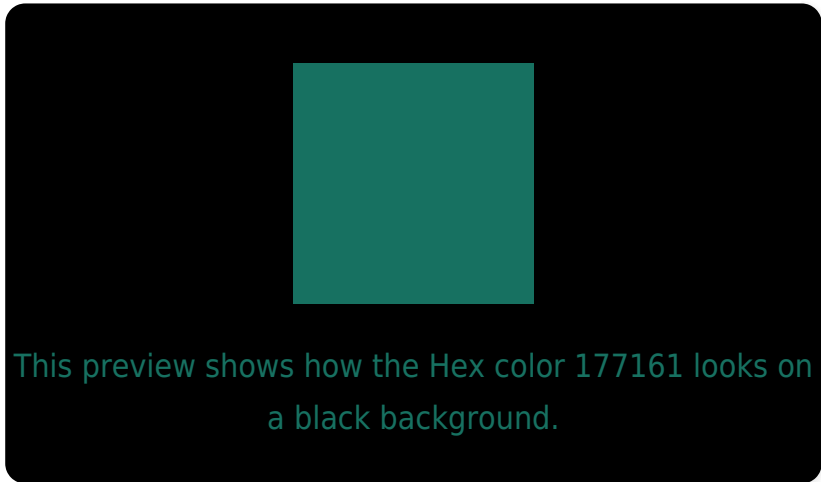
Large Text (above 18pt) WCAG AA ✓ Pass

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

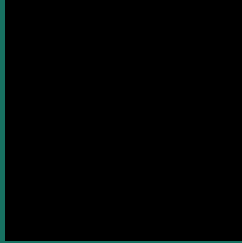
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 177161 Background



This preview shows how black text looks on a background with the Hex color 177161.

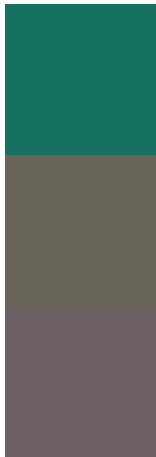


This preview shows how white text looks on a background with the Hex color 177161.

# 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**  
177161

**Protanopia**  
68645A

**Deuteranopia**  
6D6165



**Tritanopia**  
266E77

# Trichromacy



**Original Color**  
177161

**Protanomaly**  
4B695D

**Deuteranomaly**  
4E6764

**Tritanomaly**  
216F6F

# Monochromacy



**Original Color**  
177161

**Achromatopsia**  
545454

**Achromatomaly**  
3E5F59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 177161 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 #177161 looks like.

```
.text, #text, p{  
    color:#177161  
}
```

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 #177161 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #177161
}
```

## Border

The CSS property to change the border of an element to Hex 177161 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
#177161 }
```

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

```
.border{ border-color:#177161 }
```

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

Here you see how a box with a 4 pixel #177161 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #177161; -webkit-box-shadow:4px 4px  
4px 4px #177161; box-shadow:4px 4px 4px  
4px #177161 }
```

# Background

The CSS property to change the background color of an element to Hex 177161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#177161 }
```

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

```
.background{ background-color:#177161 }
```

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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