

# Converting Colors

Hex(177248)

Have a look what the booklet for  
Hex(177248) contains.

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# Color

Hex(177248)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 177248                      |
| RGB         | 23, 114, 72                 |
| RGB Percent | 9%, 45%, 28%                |
| CMY         | 0.9098, 0.5529, 0.7176      |
| CMYK        | 0.80, 0.00, 0.37, 0.55      |
| HSL         | 152°, 66%, 27%              |
| HSV         | 152°, 80%, 45%              |
| XYZ         | 7.5404, 12.6847, 8.1819     |
| YIQ         | 82.0030, -40.7540, -32.3540 |

# Conversions

## Conversions Part 2

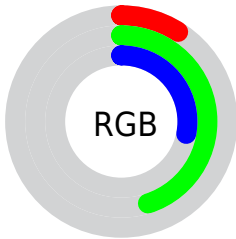
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 23, 82, 114                   |
| Decimal                             | 1536584                       |
| CIELab                              | 42.28, -36.38, 16.09          |
| CIELCh                              | 42, 39.782, 156.139           |
| Yxy                                 | 12.6847, 0.2654,<br>0.4465    |
| Android<br>(android.graphics.Color) | 4279726664<br>(0xFF177248)    |
| YUV                                 | 82.0030, -4.9315,<br>-51.7456 |
| Hunter-Lab                          | 35.6155, -24.5360,<br>11.3104 |

# Details

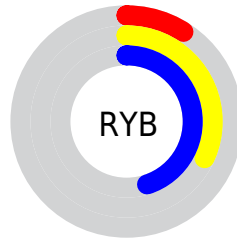
The Hex color **177248** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **721741**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **53A779**, and **00411C** is the 20% darker color. If you saturate the color by 10%, you get **0C7243**, and if you desaturate by 10%, it is **22724D**.

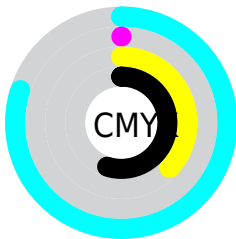
# Distribution



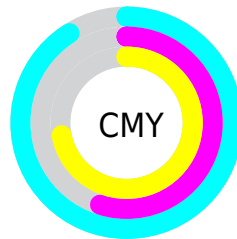
- Red (9%)
- Green (45%)
- Blue (28%)



- Red (9%)
- Yellow (32%)
- Blue (45%)



- Cyan (80%)
- Magenta (0%)
- Yellow (37%)
- Black (55%)



- Cyan (91%)
- Magenta (55%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 177248 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 177248 by changing the saturation by 10% instead.



 177248

 177248

FFFFFF

 005931

 53A779

 00411C

 6EC293

 002A03

 89DEAD

 000F00

 A5FBC9

 000000

 C1FFE5

 DEFFFF

 FFFFFFFF

 177248

 177248

■ 0C7243

■ 22724D

■ 00723D

■ 2E7253

■ 397258

■ 45725D

■ 507262

■ 5B7268

■ 67726D

■ 727272

■ 7E7277

# Harmonies

## Analogous

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



4D6D2C



177248



00746A

# Triad

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



177248



3065A5



9C4C3F

# Complementary

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



177248



721741

# 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.



A0465E



177248



6E5899

# Square

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



177248



006E9F



914C7F



8B5827

# Rectangle

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



177248



007480



914C7F



9F4949



# Sweetspot

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



177248



709484



417217



354A40



C9C9C9



4A4A4A



# Same Dimension

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



177248



069452



176F72



323836



007841



00F785



# Inverse Universe

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



721741



940647



721A17



383235



780037



F70072



# Previews

## White Background



This preview shows how the Hex color 177248 looks on a white background.

## Color Contrast Check

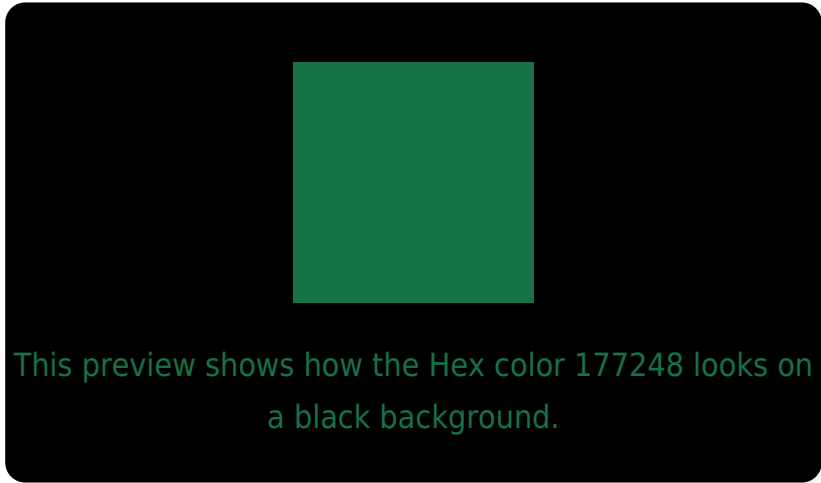
Large Text (above 18pt) WCAG AA ✓ Pass

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

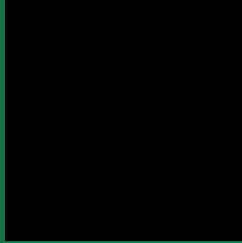
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 177248 Background



This preview shows how black text looks on a background with the Hex color 177248.



This preview shows how white text looks on a background with the Hex color 177248.

# 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**  
177248

**Protanopia**  
6C6342

**Deuteranopia**  
755F4C



# Trichromacy



**Original Color**

177248



**Protanomaly**

4D6844



**Deuteranomaly**

53664B



**Tritanomaly**

256F65

# Monochromacy



**Original Color**

177248



**Achromatopsia**

525252



**Achromatomaly**

3D5E4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 177248 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 #177248 looks like.

```
.text, #text, p{  
    color:#177248  
}
```

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 #177248 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #177248
}
```

## Border

The CSS property to change the border of an element to Hex 177248 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
#177248 }
```

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

```
.border{ border-color:#177248 }
```

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

Here you see how a box with a 4 pixel #177248 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #177248; -webkit-box-shadow:4px 4px  
4px 4px #177248; box-shadow:4px 4px 4px  
4px #177248 }
```

# Background

The CSS property to change the background color of an element to Hex 177248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#177248 }
```

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

```
.background{ background-color:#177248 }
```

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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