

Converting Colors

Hex(177047)

Have a look what the booklet for
Hex(177047) contains.

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Color

Hex(177047)

Conversions

Conversions Part 1

Format	Color
Hex	177047
RGB	23, 112, 71
RGB Percent	9%, 44%, 28%
CMY	0.9098, 0.5608, 0.7216
CMYK	0.79, 0.00, 0.37, 0.56
HSL	152°, 66%, 26%
HSV	152°, 79%, 44%
XYZ	7.2849, 12.2254, 7.9370
YIQ	80.7150, -39.8830, -31.6190

Conversions

Conversions Part 2

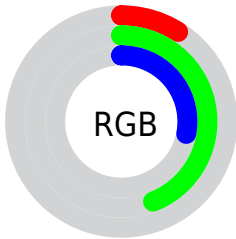
Format	Color
R_{YB}	23, 81, 112
Decimal	1536071
CIE _{Lab}	41.57, -35.77, 15.72
CIE _{LCh}	42, 39.068, 156.280
Yxy	12.2254, 0.2654, 0.4454
Android (android.graphics.Color)	4279726151 (0xFF177047)
YUV	80.7150, -4.7895, -50.6161
Hunter-Lab	34.9649, -23.9985, 11.0166

Details

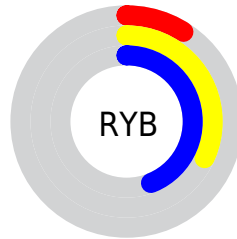
The Hex color **177047** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **701740**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **52A578**, and **003F1B** is the 20% darker color. If you saturate the color by 10%, you get **0C7042**, and if you desaturate by 10%, it is **22704C**.

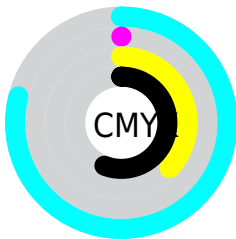
Distribution



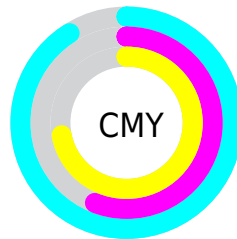
- Red (9%)
- Green (44%)
- Blue (28%)



- Red (9%)
- Yellow (32%)
- Blue (44%)



- Cyan (79%)
- Magenta (0%)
- Yellow (37%)
- Black (56%)



- Cyan (91%)
- Magenta (56%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 177047 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 177047 by changing the saturation by 10% instead.

 177047

 177047

FFFFFF

 005730

 52A578

 003F1B

 6DC091

 002902

 89DCAC

 000B00

 A4F9C7

 000000

 C1FFE4

 DDFFFF

 FBFFFF

 177047

 177047

■ 0C7042

■ 22704C

■ 01703D

■ 2D7051

■ 00703C

■ 397056

■ 44705C

■ 4F7061

■ 5A7066

■ 65706B

■ 717070

■ 7C7075

Harmonies

Analogous

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



4C6B2B



177047



007268

Triad

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



177047



3063A2



9A4B3E

Complementary

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



177047



701740

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.



9D455D



177047



6D5796

Square

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



177047



006C9C



8F4A7D



885726

Rectangle

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



177047



00727E



8F4A7D



9C4847

Sweetspot

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



177047



6E9181



417017



354A40



C9C9C9



4A4A4A

Same Dimension

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



177047



079152



176D70



323836



007841



00F785

Inverse Universe

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



701740



910747



701A17



383235



780037



F70072

Previews

White Background



This preview shows how the Hex color 177047 looks on a white background.

Color Contrast Check

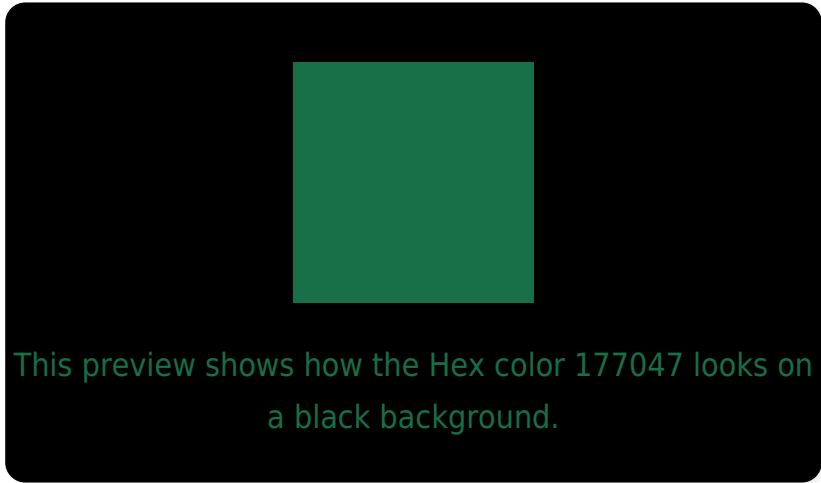
Large Text (above 18pt) WCAG AA ✓ Pass

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

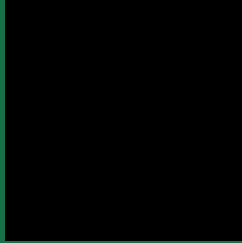
Any Text WCAG AA × Fail

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 177047 Background



This preview shows how black text looks on a background with the Hex color 177047.



This preview shows how white text looks on a background with the Hex color 177047.

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
177047

Protanopia
6A6241

Deuteranopia
735E4B



Tritanopia
2D6B73

Trichromacy



Original Color
177047

Protanomaly
4C6743

Deuteranomaly
52654A

Tritanomaly
256D63

Monochromacy



Original Color
177047

Achromatopsia
515151

Achromatomaly
3C5C4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 177047 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 #177047 looks like.

```
.text, #text, p{  
    color:#177047  
}
```

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 #177047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #177047
}
```

Border

The CSS property to change the border of an element to Hex 177047 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
#177047 }
```

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

```
.border{ border-color:#177047 }
```

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

Here you see how a box with a 4 pixel #177047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #177047; -webkit-box-shadow:4px 4px  
4px 4px #177047; box-shadow:4px 4px 4px  
4px #177047 }
```

Background

The CSS property to change the background color of an element to Hex 177047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#177047 }
```

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

```
.background{ background-color:#177047 }
```

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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