

Converting Colors

Hex(147270)

Have a look what the booklet for
Hex(147270) contains.

Hex(147270)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(147270)

Conversions

Conversions Part 1

Format	Color
Hex	147270
RGB	20, 114, 112
RGB Percent	8%, 45%, 44%
CMY	0.9216, 0.5529, 0.5608
CMYK	0.82, 0.00, 0.02, 0.55
HSL	179°, 70%, 26%
HSV	179°, 82%, 45%
XYZ	9.2304, 13.3532, 17.4202
YIQ	85.6660, -55.3820, -20.5500

Conversions

Conversions Part 2

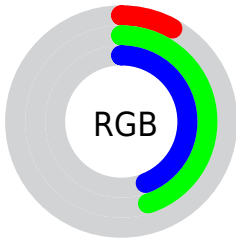
Format	Color
RYB	20, 68, 114
Decimal	1340016
CIELab	43.29, -25.74, -6.35
CIElCh	43, 26.509, 193.857
Yxy	13.3532, 0.2307, 0.3338
Android (android.graphics.Color)	4279530096 (0xFF147270)
YUV	85.6660, 12.9827, -57.5891
Hunter-Lab	36.5420, -18.8599, -2.6851

Details

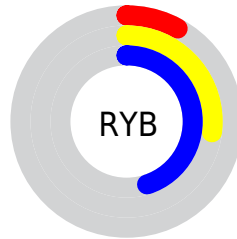
The Hex color **147270** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **721416**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **54A6A4**, and **004140** is the 20% darker color. If you saturate the color by 10%, you get **097270**, and if you desaturate by 10%, it is **1F7270**.

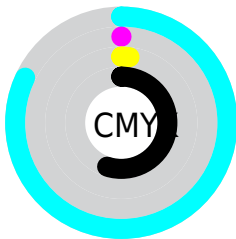
Distribution



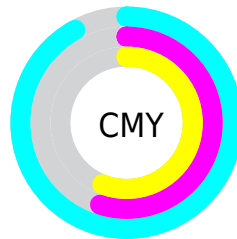
- Red (8%)
- Green (45%)
- Blue (44%)



- Red (8%)
- Yellow (27%)
- Blue (45%)



- Cyan (82%)
- Magenta (0%)
- Yellow (2%)
- Black (55%)



- Cyan (92%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 147270 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 147270 by changing the saturation by 10% instead.

 147270

 147270

FFFFFF

 005958

 54A6A4

 004140

 70C2BF

 002B2A

 8BDEDA

 001416

 A8FAF7

 000000

 C4FFFF

 E1FFFF

 147270

 147270

 097270

 1F7270

■ 007270

■ 2B7270

■ 367271

■ 427271

■ 4D7271

■ 587271

■ 647272

■ 6F7272

■ 7B7272

Harmonies

Analogous

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



367159



147270



057084

Triad

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



147270



765D86



7F613C

Complementary

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



147270



721416

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.



8D5A49



147270



8A5773

Square

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



147270



576591



91555D



6B683B

Rectangle

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



147270



226E8D



91555D



845E3F

Sweetspot

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



147270



6F9493



177214



344A49



C9C9C9



4A4A4A

Same Dimension

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



147270



019491



144672



323838



007875



00F7F2

Inverse Universe

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



721416



940105



724014



383233



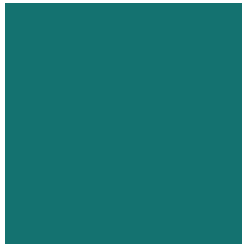
780003



F70005

Previews

White Background



This preview shows how the Hex color 147270 looks on a white background.

Color Contrast Check

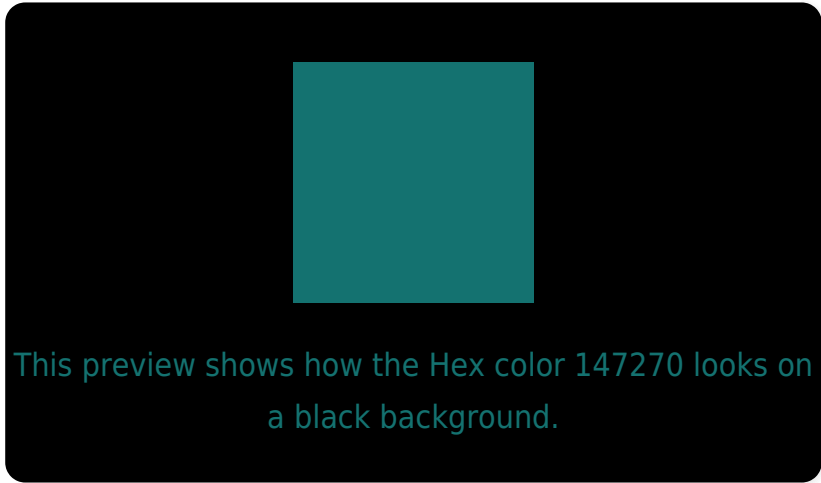
Large Text (above 18pt) WCAG AA ✓ Pass

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

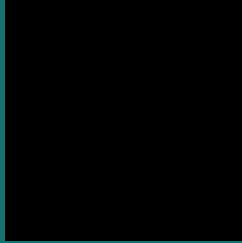
Any Text WCAG AA × Fail

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 147270 Background



This preview shows how black text looks on a background with the Hex color 147270.

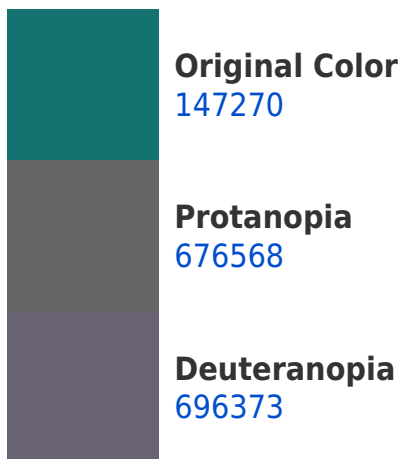


This preview shows how white text looks on a background with the Hex color 147270.

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
1D717A

Trichromacy



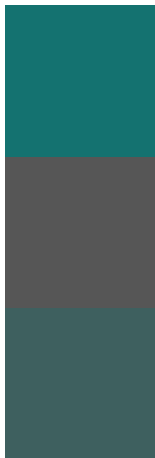
Original Color
147270

Protanomaly
496A6B

Deuteranomaly
4A6872

Tritanomaly
1A7176

Monochromacy



Original Color
147270

Achromatopsia
565656

Achromatomaly
3E605F

CSS Examples

Text

The CSS property to change the color of the text to Hex 147270 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 #147270 looks like.

```
.text, #text, p{  
    color:#147270  
}
```

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 #147270 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #147270
}
```

Border

The CSS property to change the border of an element to Hex 147270 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
#147270 }
```

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

```
.border{ border-color:#147270 }
```

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

Here you see how a box with a 4 pixel #147270 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #147270; -webkit-box-shadow:4px 4px  
4px 4px #147270; box-shadow:4px 4px 4px  
4px #147270 }
```

Background

The CSS property to change the background color of an element to Hex 147270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#147270 }
```

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

```
.background{ background-color:#147270 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor