

Converting Colors

Hex(007072)

Have a look what the booklet for
Hex(007072) contains.

Hex(007072)	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(007072)

Conversions

Conversions Part 1

Format	Color
Hex	007072
RGB	0, 112, 114
RGB Percent	0%, 44%, 45%
CMY	1.0000, 0.5608, 0.5529
CMYK	1.00, 0.02, 0.00, 0.55
HSL	181°, 100%, 22%
HSV	181°, 100%, 45%
XYZ	8.8314, 12.8032, 17.9254
YIQ	78.7400, -67.3940, -23.1220

Conversions

Conversions Part 2

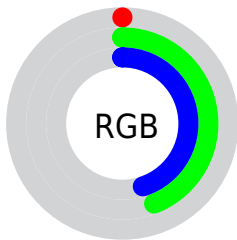
Format	Color
RYB	0, 56, 114
Decimal	28786
CIELab	42.47, -25.54, -8.81
CIELCh	42, 27.018, 199.035
Yxy	12.8032, 0.2232, 0.3236
Android (android.graphics.Color)	4278218866 (0xFF007072)
YUV	78.7400, 17.3832, -69.0550
Hunter-Lab	35.7816, -18.5614, -4.6552

Details

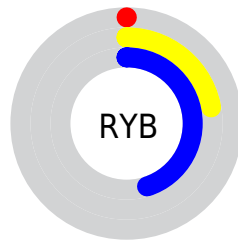
The Hex color **007072** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **720200**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **4DA4A6**, and **003F42** is the 20% darker color. If you saturate the color by 10%, you get **007072**, and if you desaturate by 10%, it is **0B7072**.

Distribution



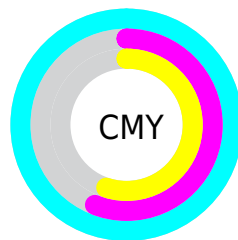
- Red (0%)
- Green (44%)
- Blue (45%)



- Red (0%)
- Yellow (22%)
- Blue (45%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007072 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 007072 by changing the saturation by 10% instead.

007072

007072

FFFFFF

00575A

4DA4A6

003F42

6ABFC1

00292C

86DBDD

001118

A2F8F9

000000

BFFFFFF

DCFFFF

F9FFFF

007072

■ 0B7072

■ 177072

■ 227172

■ 2E7172

■ 397172

■ 447172

■ 507172

■ 5B7272

■ 677272

Harmonies

Analogous

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



2D705B



007072



006E85

Triad

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



007072



785982



7A6038

Complementary

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



007072



720200

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.



895843



007072



8A546D

Square

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



007072



5B628E



905357



646739

Rectangle

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



007072



246B8D



905357



805D3B

Sweetspot

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



007072



689394



007202



2F494A



C9C9C9



4A4A4A

Same Dimension

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



007072



009194



003772



323838



007678



00F3F7

Inverse Universe

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



720070



940091



723B00



383238



780076



F700F3

Previews

White Background



This preview shows how the Hex color 007072 looks on a white background.

Color Contrast Check

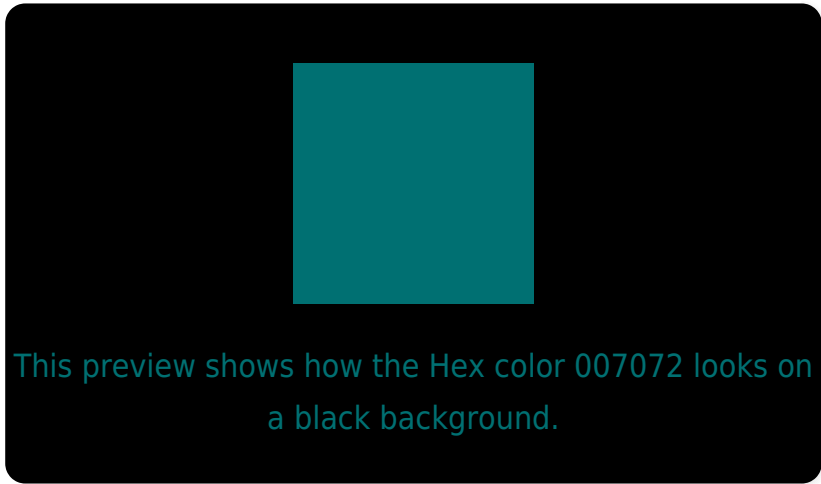
Large Text (above 18pt) WCAG AA ✓ Pass

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

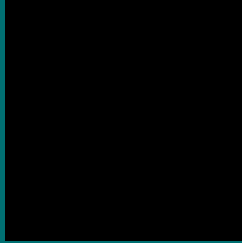
Any Text WCAG AA × Fail

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 007072 Background



This preview shows how black text looks on a background with the Hex color 007072.

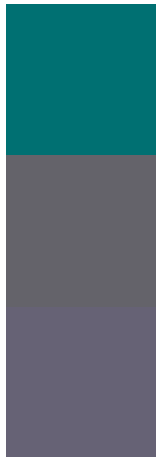


This preview shows how white text looks on a background with the Hex color 007072.

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
007072

Protanopia
64636A

Deuteranopia
666275

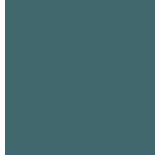


Tritanopia
126F78

Trichromacy



Original Color
007072



Protanomaly
40686D



Deuteranomaly
416774



Tritanomaly
0B6F76

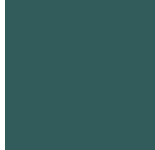
Monochromacy



Original Color
007072



Achromatopsia
4F4F4F



Achromatomaly
325B5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 007072 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 #007072 looks like.

```
.text, #text, p{  
  color:#007072  
}
```

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 #007072 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007072
}
```

Border

The CSS property to change the border of an element to Hex 007072 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
#007072 }
```

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

```
.border{ border-color:#007072 }
```

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

Here you see how a box with a 4 pixel #007072 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007072; -webkit-box-shadow:4px 4px  
4px 4px #007072; box-shadow:4px 4px 4px  
4px #007072 }
```

Background

The CSS property to change the background color of an element to Hex 007072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007072 }
```

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

```
.background{ background-color:#007072 }
```

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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