

Converting Colors

Hex(007081)

Have a look what the booklet for
Hex(007081) contains.

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Color

Hex(007081)

Conversions

Conversions Part 1

Format	Color
Hex	007081
RGB	0, 112, 129
RGB Percent	0%, 44%, 51%
CMY	1.0000, 0.5608, 0.4941
CMYK	1.00, 0.13, 0.00, 0.49
HSL	188°, 100%, 25%
HSV	188°, 100%, 51%
XYZ	9.7566, 13.1733, 22.7974
YIQ	80.4500, -72.2090, -18.4570

Conversions

Conversions Part 2

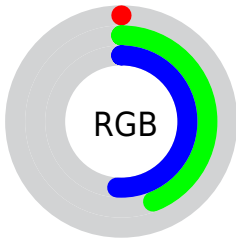
Format	Color
RYB	0, 60, 129
Decimal	28801
CIELab	43.02, -20.30, -17.00
CIELCh	43, 26.475, 219.940
Yxy	13.1733, 0.2134, 0.2881
Android (android.graphics.Color)	4278218881 (0xFF007081)
YUV	80.4500, 23.9351, -70.5547
Hunter-Lab	36.2951, -15.5331, -11.8342

Details

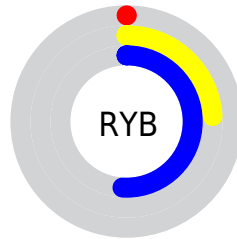
The Hex color **007081** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **811100**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **50A4B6**, and **004050** is the 20% darker color. If you saturate the color by 10%, you get **007081**, and if you desaturate by 10%, it is **0D7281**.

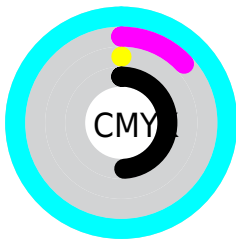
Distribution



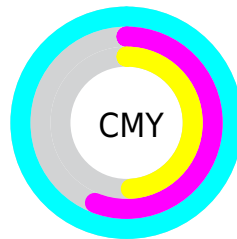
- Red (0%)
- Green (44%)
- Blue (51%)



- Red (0%)
- Yellow (24%)
- Blue (51%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (56%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007081 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 007081 by changing the saturation by 10% instead.

007081

007081

FFFFFF

005768

50A4B6

004050

6DBFD1

002939

89DBEE

001423

A6F8FF

00000C

C3FFFF

000000

E0FFFF

FEFFFF

007081

■ 0D7281

■ 1A7381

■ 277581

■ 347781

■ 417881

■ 4D7A81

■ 5A7C81

■ 677E81

■ 747F81

Harmonies

Analogous

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



18716C



007081



2A6C8E

Triad

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



007081



875775



6D673A

Complementary

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



007081



811100

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.



805F3D



007081



90545F

Square

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



007081



725D87



8D584B



556D43

Rectangle

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



007081



456891



8D584B



746439

Sweetspot

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



007081



76A2A8



00810F



365054



D4D4D4



545454

Same Dimension

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



007081



0092A8



003181



393F40



006F80



000000

Inverse Universe

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



810070



A80092



815000



40393F



80006F



000000

Previews

White Background



This preview shows how the Hex color 007081 looks on a white background.

Color Contrast Check

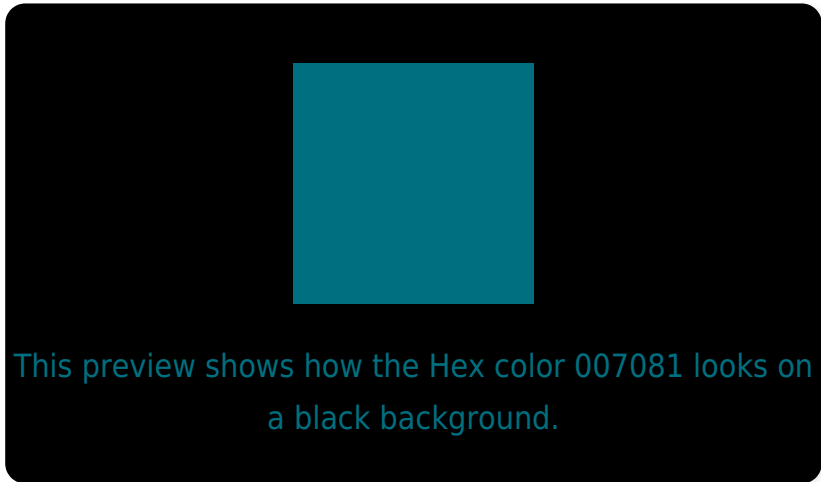
Large Text (above 18pt) WCAG AA ✓ Pass

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

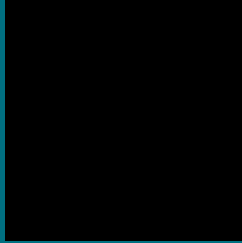
Any Text WCAG AA × Fail

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 007081 Background



This preview shows how black text looks on a background with the Hex color 007081.

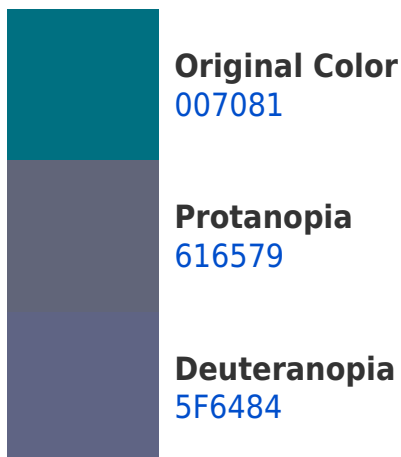


This preview shows how white text looks on a background with the Hex color 007081.

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](#).

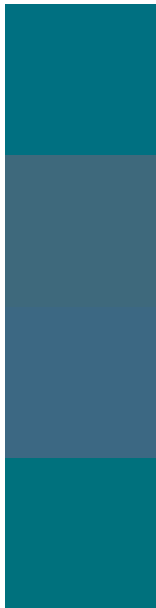
Dichromacy





Tritanopia
00717A

Trichromacy



Original Color
007081

Protanomaly
3E697C

Deuteranomaly
3C6883

Tritanomaly
00717D

Monochromacy



Original Color
007081

Achromatopsia
505050

Achromatomaly
335C62

CSS Examples

Text

The CSS property to change the color of the text to Hex 007081 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 #007081 looks like.

```
.text, #text, p{  
    color:#007081  
}
```

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 #007081 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007081
}
```

Border

The CSS property to change the border of an element to Hex 007081 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
#007081 }
```

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

```
.border{ border-color:#007081 }
```

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

Here you see how a box with a 4 pixel #007081 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007081; -webkit-box-shadow:4px 4px  
4px 4px #007081; box-shadow:4px 4px 4px  
4px #007081 }
```

Background

The CSS property to change the background color of an element to Hex 007081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007081 }
```

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

```
.background{ background-color:#007081 }
```

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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