

Converting Colors

Hex(007D87)

Have a look what the booklet for
Hex(007D87) contains.

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Color

Hex(007D87)

Conversions

Conversions Part 1

Format	Color
Hex	007D87
RGB	0, 125, 135
RGB Percent	0%, 49%, 53%
CMY	1.0000, 0.5098, 0.4706
CMYK	1.00, 0.07, 0.00, 0.47
HSL	184°, 100%, 26%
HSV	184°, 100%, 53%
XYZ	11.7068, 16.4165, 25.4734
YIQ	88.7650, -77.7100, -23.3900

Conversions

Conversions Part 2

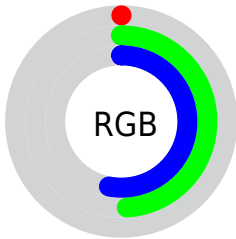
Format	Color
RYB	0, 65, 135
Decimal	32135
CIELab	47.52, -25.00, -13.73
CIELCh	48, 28.524, 208.764
Yxy	16.4165, 0.2184, 0.3063
Android (android.graphics.Color)	4278222215 (0xFF007D87)
YUV	88.7650, 22.7939, -77.8469
Hunter-Lab	40.5173, -19.3307, -8.9137

Details

The Hex color **007D87** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **870A00**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **53B2BC**, and **004C55** is the 20% darker color. If you saturate the color by 10%, you get **007D87**, and if you desaturate by 10%, it is **0D7E87**.

Distribution



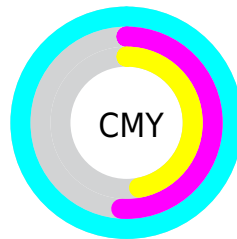
- Red (0%)
- Green (49%)
- Blue (53%)



- Red (0%)
- Yellow (25%)
- Blue (53%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007D87 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 007D87 by changing the saturation by 10% instead.

 007D87

 007D87

FFFFFF

 00646E

 53B2BC

 004C55

 70CED8

 00343E

 8DEAF4

 002028

 AAFFFF

 000114

 C7FFFF

 000000

 E5FFFF

 007D87

 0D7E87

 1B7F87

 298087

 368187

 448287

 518387

 5E8487

 6C8587

 7A8687

Harmonies

Analogous

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



2A7D6F



007D87



1E7A99

Triad

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



007D87



8E638A



816F40

Complementary

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



007D87



870A00

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.



946748



007D87



9D5E73

Square

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



007D87



726B9B



9F605B



697646

Rectangle

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



007D87



3D769F



9F605B



886C42

Sweetspot

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



007D87



7BACB0



008709



395759



D9D9D9



595959

Same Dimension

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



007D87



00A3B0



003B87



3C4242



007882



000203

Inverse Universe

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



87007D



B000A3



874D00



423C42



820078



030002

Previews

White Background



This preview shows how the Hex color 007D87 looks on a white background.

Color Contrast Check

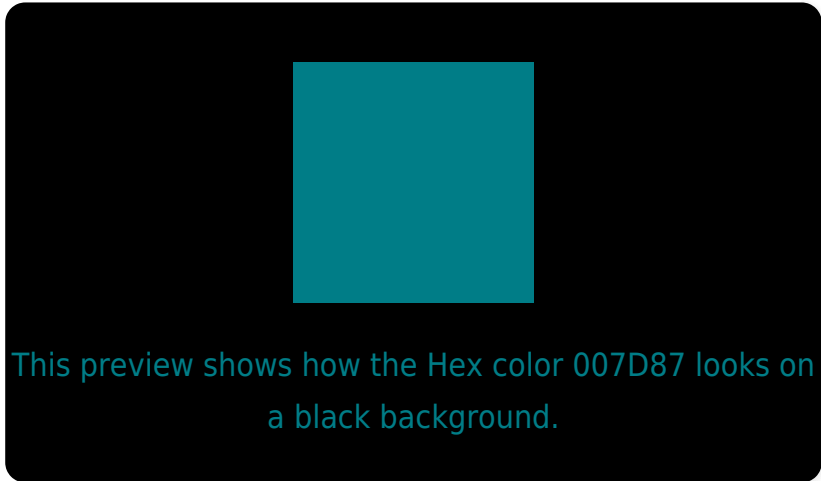
Large Text (above 18pt) WCAG AA ✓ Pass

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

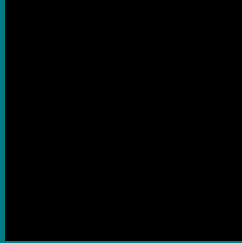
Any Text WCAG AA × Fail

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 007D87 Background



This preview shows how black text looks on a background with the Hex color 007D87.



This preview shows how white text looks on a background with the Hex color 007D87.

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](#).

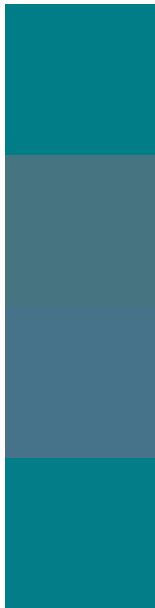
Dichromacy





Tritanopia
047D87

Trichromacy



Original Color
007D87

Protanomaly
467581

Deuteranomaly
467389

Tritanomaly
037D87

Monochromacy



Original Color
007D87

Achromatopsia
595959

Achromatomaly
39666A

CSS Examples

Text

The CSS property to change the color of the text to Hex 007D87 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 #007D87 looks like.

```
.text, #text, p{  
    color:#007D87  
}
```

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 #007D87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007D87
}
```

Border

The CSS property to change the border of an element to Hex 007D87 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
#007D87 }
```

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

```
.border{ border-color:#007D87 }
```

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

Here you see how a box with a 4 pixel #007D87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007D87; -webkit-box-shadow:4px 4px  
4px 4px #007D87; box-shadow:4px 4px 4px  
4px #007D87 }
```

Background

The CSS property to change the background color of an element to Hex 007D87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007D87 }
```

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

```
.background{ background-color:#007D87 }
```

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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