

Converting Colors

Hex(007187)

Have a look what the booklet for
Hex(007187) contains.

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Color

Hex(007187)

Conversions

Conversions Part 1

Format	Color
Hex	007187
RGB	0, 113, 135
RGB Percent	0%, 44%, 53%
CMY	1.0000, 0.5569, 0.4706
CMYK	1.00, 0.16, 0.00, 0.47
HSL	190°, 100%, 26%
HSV	190°, 100%, 53%
XYZ	10.2783, 13.5595, 24.9972
YIQ	81.7210, -74.4100, -17.1140

Conversions

Conversions Part 2

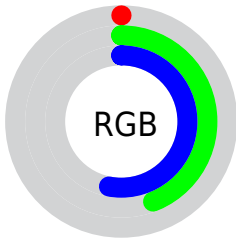
Format	Color
RYB	0, 62, 135
Decimal	29063
CIELab	43.59, -18.66, -19.71
CIElCh	44, 27.145, 226.573
Yxy	13.5595, 0.2105, 0.2777
Android (android.graphics.Color)	4278219143 (0xFF007187)
YUV	81.7210, 26.2665, -71.6693
Hunter-Lab	36.8233, -14.6168, -14.4723

Details

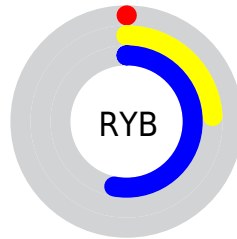
The Hex color **007187** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **871600**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **51A5BC**, and **004155** is the 20% darker color. If you saturate the color by 10%, you get **007187**, and if you desaturate by 10%, it is **0D7387**.

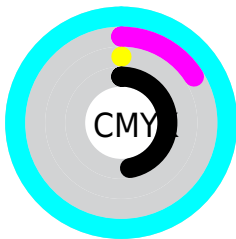
Distribution



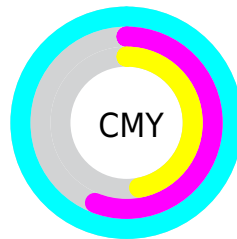
- Red (0%)
- Green (44%)
- Blue (53%)



- Red (0%)
- Yellow (24%)
- Blue (53%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (56%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007187 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 007187 by changing the saturation by 10% instead.

 007187

 007187

FFFFFF

 00586E

 51A5BC

 004155

 6EC0D8

 002A3E

 8BDCF5

 001728

 A7F9FF

 000113

 C4FFFF

 000000

 E2FFFF

 007187

 0D7387

■ 1B7587

■ 297887

■ 367A87

■ 447C87

■ 517E87

■ 5E8087

■ 6C8387

■ 7A8587

Harmonies

Analogous

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



0A7373



007187



336C92

Triad

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



007187



8C5772



696A3B

Complementary

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



007187



871600

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.



7F623B



007187



93565B

Square

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



007187



795D86



8D5B47



506F47

Rectangle

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



007187



4E6893



8D5B47



71673A

Sweetspot

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



007187



7BA7B0



008714



395459



D9D9D9



595959

Same Dimension

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



007187



0093B0



002F87



3C4142



006D82



000203

Inverse Universe

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



870071



B00093



875800



423C41



82006D



030002

Previews

White Background



This preview shows how the Hex color 007187 looks on a white background.

Color Contrast Check

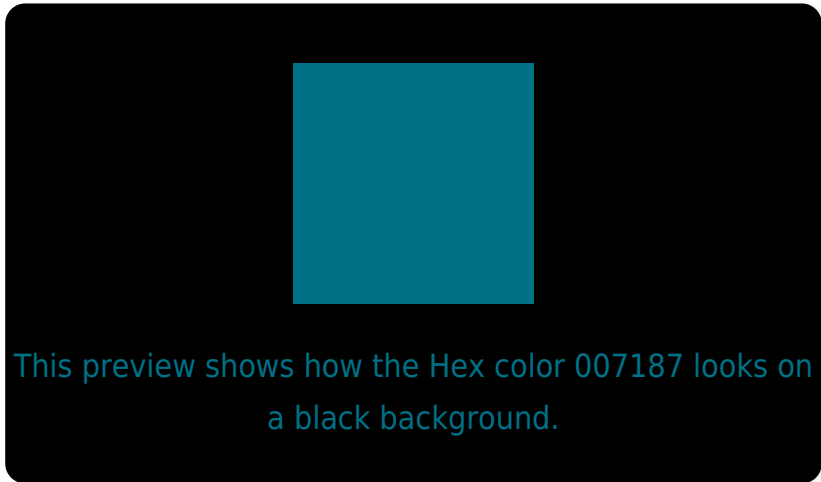
Large Text (above 18pt) WCAG AA ✓ Pass

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

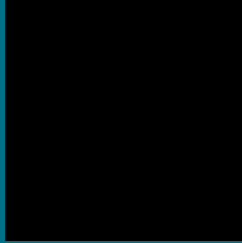
Any Text WCAG AA × Fail

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 007187 Background



This preview shows how black text looks on a background with the Hex color 007187.

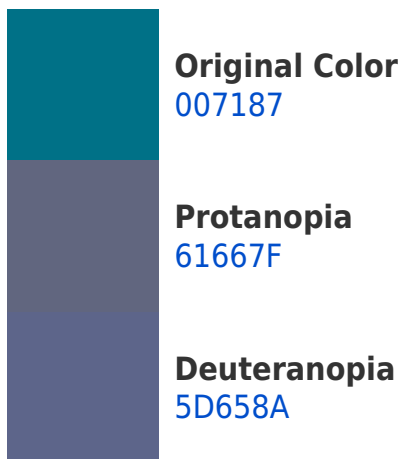


This preview shows how white text looks on a background with the Hex color 007187.

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
00727B

Trichromacy



Original Color
007187

Protanomaly
3E6A82

Deuteranomaly
3B6989

Tritanomaly
00727F

Monochromacy



Original Color
007187

Achromatopsia
525252

Achromatomaly
345D65

CSS Examples

Text

The CSS property to change the color of the text to Hex 007187 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 #007187 looks like.

```
.text, #text, p{  
    color:#007187  
}
```

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 #007187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007187  
}
```

Border

The CSS property to change the border of an element to Hex 007187 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  
#007187 }
```

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

```
.border{ border-color:#007187 }
```

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

Here you see how a box with a 4 pixel #007187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007187; -webkit-box-shadow:4px 4px  
4px 4px #007187; box-shadow:4px 4px 4px  
4px #007187 }
```

Background

The CSS property to change the background color of an element to Hex 007187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007187 }
```

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

```
.background{ background-color:#007187 }
```

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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