

Converting Colors

Hex(007288)

Have a look what the booklet for
Hex(007288) contains.

Hex(007288)	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(007288)

Conversions

Conversions Part 1

Format	Color
Hex	007288
RGB	0, 114, 136
RGB Percent	0%, 45%, 53%
CMY	1.0000, 0.5529, 0.4667
CMYK	1.00, 0.16, 0.00, 0.47
HSL	190°, 100%, 27%
HSV	190°, 100%, 53%
XYZ	10.4612, 13.8122, 25.4072
YIQ	82.4220, -75.0060, -17.3260

Conversions

Conversions Part 2

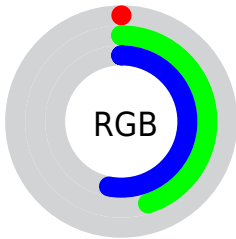
Format	Color
RYB	0, 62, 136
Decimal	29320
CIELab	43.96, -18.84, -19.75
CIELCh	44, 27.293, 226.343
Yxy	13.8122, 0.2106, 0.2780
Android (android.graphics.Color)	4278219400 (0xFF007288)
YUV	82.4220, 26.4140, -72.2841
Hunter-Lab	37.1648, -14.7936, -14.5175

Details

The Hex color **007288** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **881600**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **51A6BD**, and **004256** is the 20% darker color. If you saturate the color by 10%, you get **007288**, and if you desaturate by 10%, it is **0E7488**.

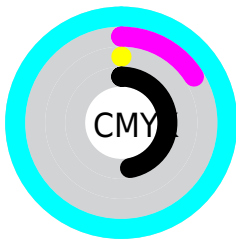
Distribution



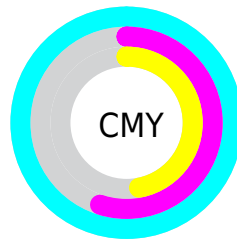
- Red (0%)
- Green (45%)
- Blue (53%)



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



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



- Cyan (100%)
- Magenta (55%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007288 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 007288 by changing the saturation by 10% instead.

 007288

 007288

FFFFFF

 00596F

 51A6BD

 004256

 6FC1D9

 002B3F

 8BDDF6

 001829

 A8FAFF

 000114

 C5FFFF

 000000

 E2FFFF

 007288

 0E7488

■ 1B7688

■ 297988

■ 367B88

■ 447D88

■ 527F88

■ 5F8188

■ 6D8488

■ 7A8688

Harmonies

Analogous

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



0B7474



007288



336D94

Triad

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



007288



8D5773



6A6A3C

Complementary

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



007288



881600

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.



80633C



007288



94565C

Square

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



007288



7A5E87



8F5B48



517048

Rectangle

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



007288



4F6995



8F5B48



72683A

Sweetspot

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



007288



7BA7B0



008814



395459



D9D9D9



595959

Same Dimension

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



007288



0093B0



003088



3E4445



006F85



000405

Inverse Universe

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



880072



B00093



885800



453E44



85006F



050004

Previews

White Background



This preview shows how the Hex color 007288 looks on a white background.

Color Contrast Check

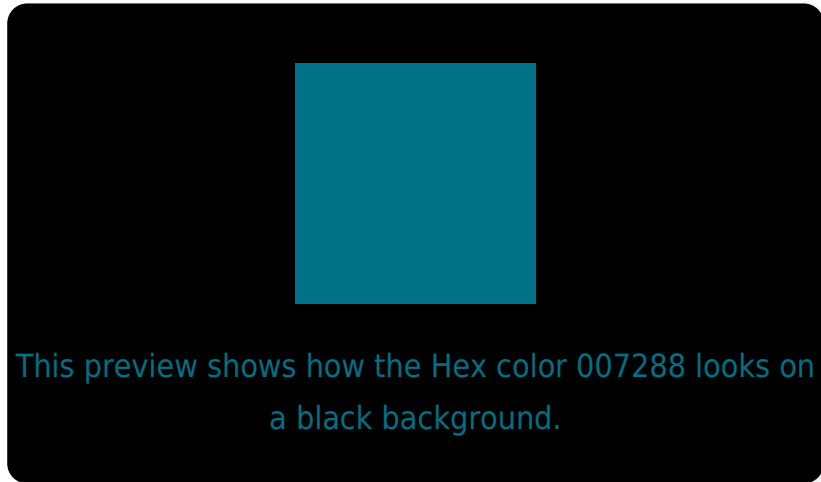
Large Text (above 18pt) WCAG AA ✓ Pass

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

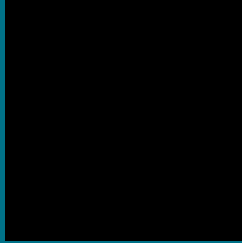
Any Text WCAG AA × Fail

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 007288 Background



This preview shows how black text looks on a background with the Hex color 007288.

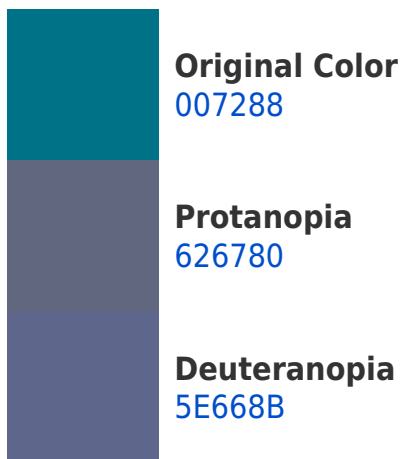


This preview shows how white text looks on a background with the Hex color 007288.

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](#).

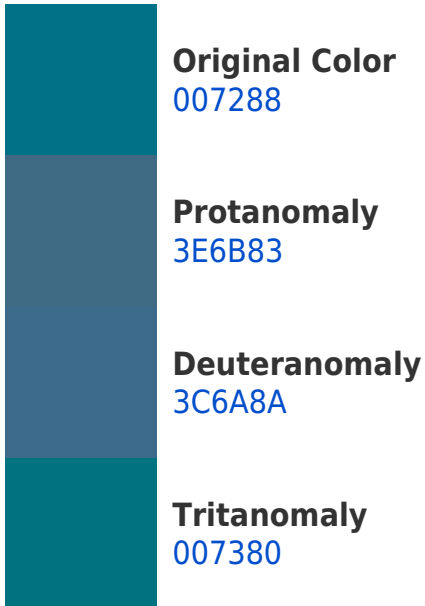
Dichromacy



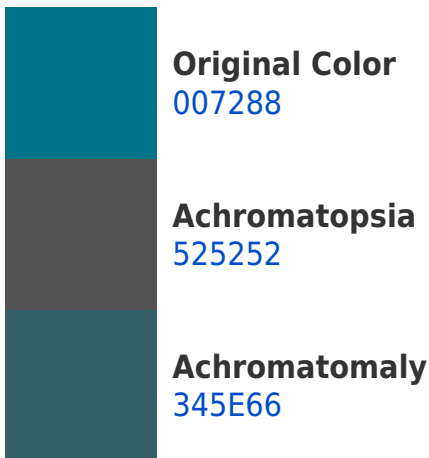


Tritanopia
00737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 007288 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 #007288 looks like.

```
.text, #text, p{  
    color:#007288  
}
```

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 #007288 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007288
}
```

Border

The CSS property to change the border of an element to Hex 007288 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
#007288 }
```

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

```
.border{ border-color:#007288 }
```

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

Here you see how a box with a 4 pixel #007288 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007288; -webkit-box-shadow:4px 4px  
4px 4px #007288; box-shadow:4px 4px 4px  
4px #007288 }
```

Background

The CSS property to change the background color of an element to Hex 007288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007288 }
```

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

```
.background{ background-color:#007288 }
```

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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