

# Converting Colors

Hex(007289)

Have a look what the booklet for  
Hex(007289) contains.

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# Color

Hex(007289)

# Conversions

## Conversions Part 1

Format	Color
Hex	007289
RGB	0, 114, 137
RGB Percent	0%, 45%, 54%
CMY	1.0000, 0.5529, 0.4627
CMYK	1.00, 0.17, 0.00, 0.46
HSL	190°, 100%, 27%
HSV	190°, 100%, 54%
XYZ	10.5327, 13.8408, 25.7833
YIQ	82.5360, -75.3270, -17.0150

# Conversions

## Conversions Part 2

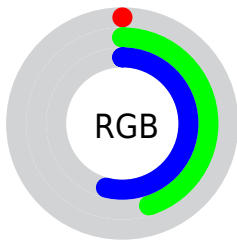
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 62, 137
Decimal	29321
CIELab	44.00, -18.48, -20.28
CIELCh	44, 27.433, 227.666
Yxy	13.8408, 0.2100, 0.2760
Android (android.graphics.Color)	4278219401 (0xFF007289)
YUV	82.5360, 26.8508, -72.3841
Hunter-Lab	37.2032, -14.5701, -15.0481

# Details

The Hex color **007289** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **891700**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **52A6BE**, and **004257** is the 20% darker color. If you saturate the color by 10%, you get **007289**, and if you desaturate by 10%, it is **0E7489**.

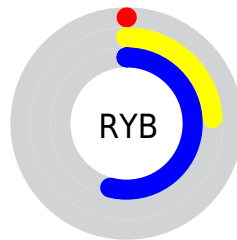
# Distribution



Red (0%)

Green (45%)

Blue (54%)



Red (0%)

Yellow (24%)

Blue (54%)

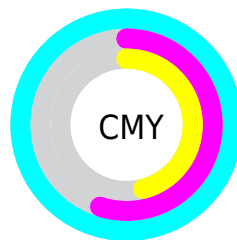


Cyan (100%)

Magenta (17%)

Yellow (0%)

Black (46%)



Cyan (100%)

Magenta (55%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007289 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 007289 by changing the saturation by 10% instead.



 007289

 007289

FFFFFF

 005970

 52A6BE

 004257

 6FC1DA

 002B40

 8BDDF7

 00182A

 A8FAFF

 000115

 C5FFFF

 000000

 E3FFFF

 007289

 0E7489

■ 1B7789

■ 297989

■ 377B89

■ 457E89

■ 528089

■ 608289

■ 6E8489

■ 7B8789

# Harmonies

## Analogous

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



077475



007289



356D94

# Triad

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



007289



8E5772



696B3C

# Complementary

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



007289



891700

# 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.



7F633B



007289



94575B

# Square

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



007289



7B5D87



8E5C47



507049

# Rectangle

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



007289



506895



8E5C47



71693A



# Sweetspot

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



007289



7DAAB3



008917



395459



D9D9D9



595959



# Same Dimension

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



007289



0095B3



002E89



3E4445



006E85



000405



# Inverse Universe

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



890072



B30095



895B00



453E44



85006E



050004



# Previews

## White Background



This preview shows how the Hex color 007289 looks on a white background.

## Color Contrast Check

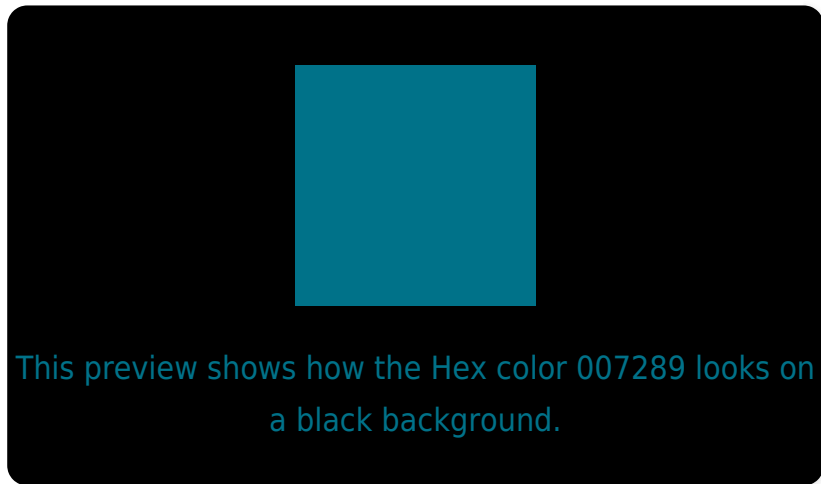
Large Text (above 18pt) WCAG AA ✓ Pass

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

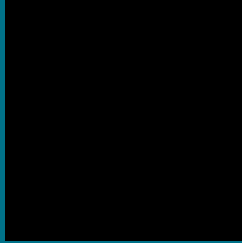
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 007289 Background



This preview shows how black text looks on a background with the Hex color 007289.

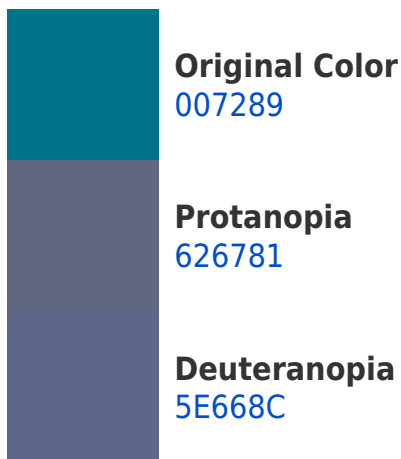


This preview shows how white text looks on a background with the Hex color 007289.

# 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](#).

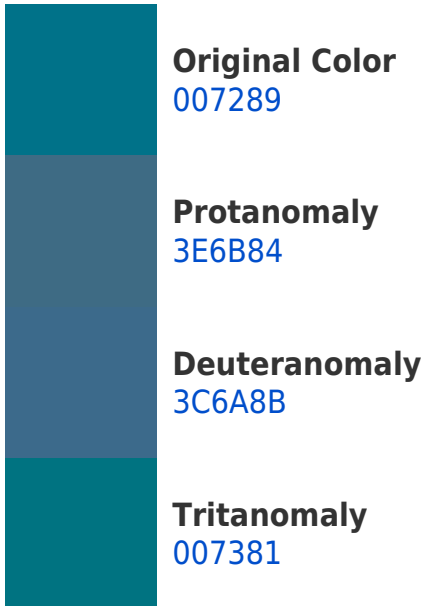
## Dichromacy





**Tritanopia**  
00737D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007289 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 #007289 looks like.

```
.text, #text, p{  
    color:#007289  
}
```

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 #007289 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007289
}
```

## Border

The CSS property to change the border of an element to Hex 007289 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
#007289 }
```

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

```
.border{ border-color:#007289 }
```

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

Here you see how a box with a 4 pixel #007289 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007289; -webkit-box-shadow:4px 4px  
4px 4px #007289; box-shadow:4px 4px 4px  
4px #007289 }
```

# Background

The CSS property to change the background color of an element to Hex 007289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007289 }
```

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

```
.background{ background-color:#007289 }
```

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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