

Converting Colors

Hex(007291)

Have a look what the booklet for
Hex(007291) contains.

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Color

Hex(007291)

Conversions

Conversions Part 1

Format	Color
Hex	007291
RGB	0, 114, 145
RGB Percent	0%, 45%, 57%
CMY	1.0000, 0.5529, 0.4314
CMYK	1.00, 0.21, 0.00, 0.43
HSL	193°, 100%, 28%
HSV	193°, 100%, 57%
XYZ	11.1281, 14.0790, 28.9191
YIQ	83.4480, -77.8950, -14.5270

Conversions

Conversions Part 2

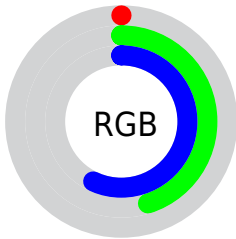
Format	Color
RYB	0, 64, 145
Decimal	29329
CIELab	44.35, -15.51, -24.51
CIELCh	44, 29.008, 237.684
Yxy	14.0790, 0.2056, 0.2601
Android (android.graphics.Color)	4278219409 (0xFF007291)
YUV	83.4480, 30.3451, -73.1839
Hunter-Lab	37.5219, -12.7244, -19.4309

Details

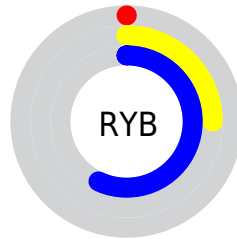
The Hex color **007291** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **911F00**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **53A6C7**, and **00425E** is the 20% darker color. If you saturate the color by 10%, you get **007291**, and if you desaturate by 10%, it is **0E7591**.

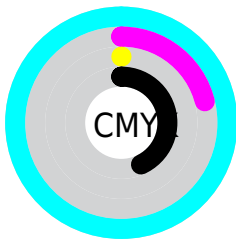
Distribution



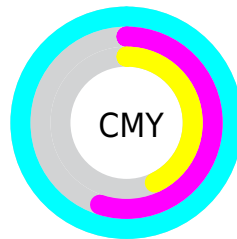
- Red (0%)
- Green (45%)
- Blue (57%)



- Red (0%)
- Yellow (25%)
- Blue (57%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (55%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007291 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 007291 by changing the saturation by 10% instead.

 007291

 007291

FFFFFF

 005977

 53A6C7

 00425E

 71C1E3

 002C47

 8EDDFF

 001930

 ABFAFF

 00011B

 C8FFFF

 000000

 E5FFFF

 007291

 0E7591

 1D7891

 2C7B91

 3A7E91

 498291

 578591

 668891

 748B91

 838E91

Harmonies

Analogous

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



00757E



007291



406C99

Triad

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



007291



95566C



616E3D

Complementary

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



007291



911F00

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.



7A6738



007291



975754

Square

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



007291



855B83



8D5E41



45734E

Rectangle

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



007291



5C6697



8D5E41



6A6C3A

Sweetspot

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



007291



84B1BD



00911D



3C575E



DEDEDE



5E5E5E

Same Dimension

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



007291



0094BD



002B91



404647



006A87



000608

Inverse Universe

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



910072



BD0094



916600



474046



87006A



080006

Previews

White Background



This preview shows how the Hex color 007291 looks on a white background.

Color Contrast Check

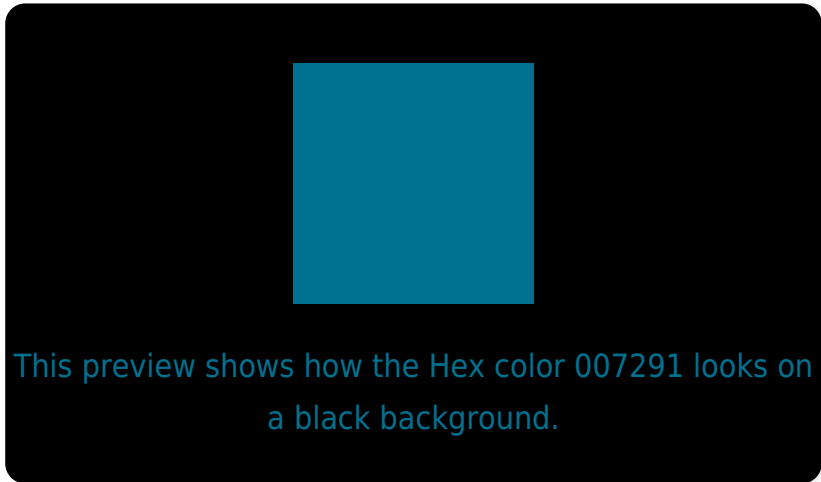
Large Text (above 18pt) WCAG AA ✓ Pass

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

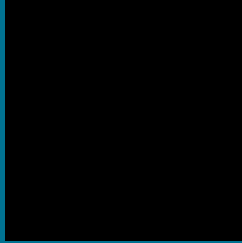
Any Text WCAG AA × Fail

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 007291 Background



This preview shows how black text looks on a background with the Hex color 007291.

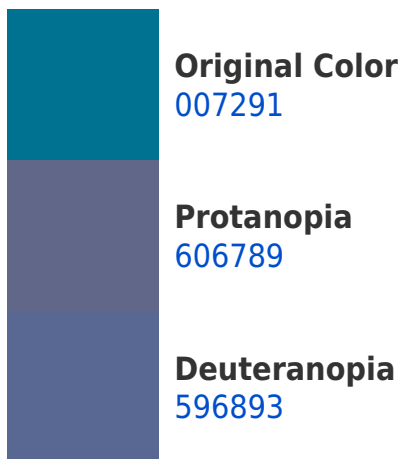


This preview shows how white text looks on a background with the Hex color 007291.

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](#).

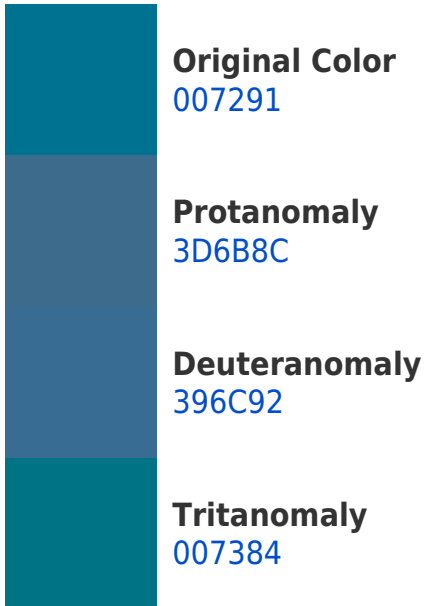
Dichromacy





Tritanopia
00747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 007291 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 #007291 looks like.

```
.text, #text, p{  
    color:#007291  
}
```

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 #007291 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007291
}
```

Border

The CSS property to change the border of an element to Hex 007291 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
#007291 }
```

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

```
.border{ border-color:#007291 }
```

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

Here you see how a box with a 4 pixel #007291 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007291; -webkit-box-shadow:4px 4px  
4px 4px #007291; box-shadow:4px 4px 4px  
4px #007291 }
```

Background

The CSS property to change the background color of an element to Hex 007291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007291 }
```

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

```
.background{ background-color:#007291 }
```

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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