

Converting Colors

Hex(007B89)

Have a look what the booklet for
Hex(007B89) contains.

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Color

Hex(007B89)

Conversions

Conversions Part 1

Format	Color
Hex	007B89
RGB	0, 123, 137
RGB Percent	0%, 48%, 54%
CMY	1.0000, 0.5176, 0.4627
CMYK	1.00, 0.10, 0.00, 0.46
HSL	186°, 100%, 27%
HSV	186°, 100%, 54%
XYZ	11.5983, 15.9721, 26.1385
YIQ	87.8190, -77.8020, -21.7220

Conversions

Conversions Part 2

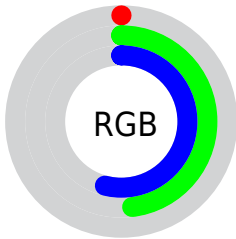
Format	Color
RYB	0, 65, 137
Decimal	31625
CIELab	46.94, -23.28, -15.79
CIELCh	47, 28.129, 214.140
Yxy	15.9721, 0.2159, 0.2974
Android (android.graphics.Color)	4278221705 (0xFF007B89)
YUV	87.8190, 24.2462, -77.0173
Hunter-Lab	39.9651, -18.1361, -10.8022

Details

The Hex color **007B89** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **890E00**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **53B0BE**, and **004A57** is the 20% darker color. If you saturate the color by 10%, you get **007B89**, and if you desaturate by 10%, it is **0E7C89**.

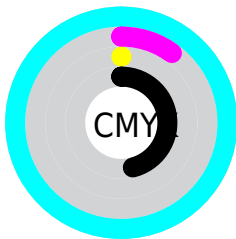
Distribution



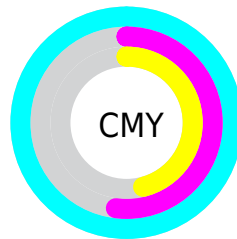
- Red (0%)
- Green (48%)
- Blue (54%)



- Red (0%)
- Yellow (25%)
- Blue (54%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (52%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007B89 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 007B89 by changing the saturation by 10% instead.

007B89

007B89

FFFFFF

006270

53B0BE

004A57

70CBDA

003340

8DE8F7

001F2A

AAFFFF

000116

C7FFFF

000000

E5FFFF

007B89

0E7C89

 1B7E89

 297F89

 378189

 458289

 528389

 608589

 6E8689

 7B8889

Harmonies

Analogous

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



247C72



007B89



277799

Triad

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



007B89



906084



7C6F40

Complementary

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



007B89



890E00

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.



906745



007B89



9C5D6D

Square

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



007B89



766896



9C6056



627647

Rectangle

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



007B89



44739E



9C6056



836C40

Sweetspot

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



007B89



7DADB3



00890E



395659



D9D9D9



595959

Same Dimension

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



007B89



00A0B3



003789



3E4445



007785



000505

Inverse Universe

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



89007B



B300A0



895200



453E44



850077



050005

Previews

White Background



This preview shows how the Hex color 007B89 looks on a white background.

Color Contrast Check

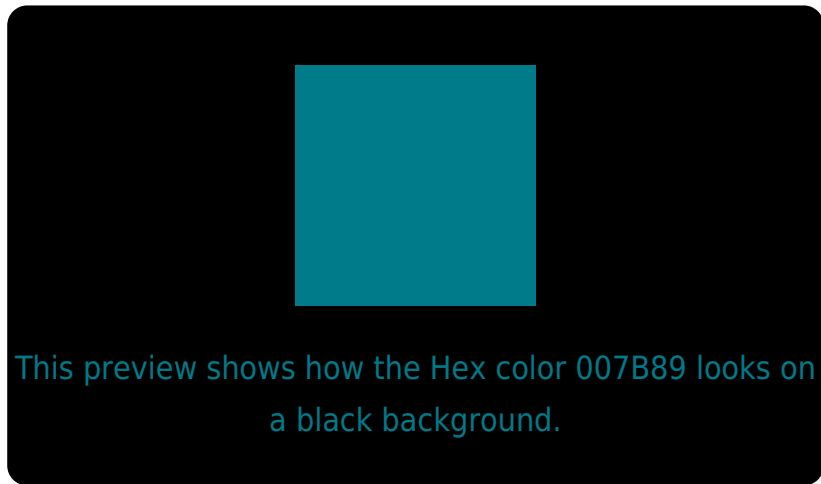
Large Text (above 18pt) WCAG AA ✓ Pass

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

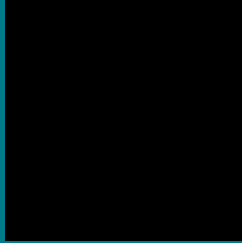
Any Text WCAG AA × Fail

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 007B89 Background



This preview shows how black text looks on a background with the Hex color 007B89.

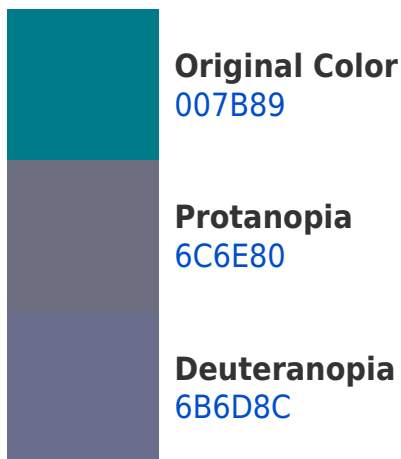


This preview shows how white text looks on a background with the Hex color 007B89.

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



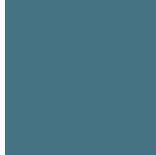


Tritanopia
007B85

Trichromacy



Original Color
007B89



Protanomaly
457383



Deuteranomaly
44728B



Tritanomaly
007B86

Monochromacy



Original Color
007B89



Achromatopsia
585858



Achromatomaly
38656A

CSS Examples

Text

The CSS property to change the color of the text to Hex 007B89 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 #007B89 looks like.

```
.text, #text, p{  
    color:#007B89  
}
```

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 #007B89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007B89
}
```

Border

The CSS property to change the border of an element to Hex 007B89 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
#007B89 }
```

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

```
.border{ border-color:#007B89 }
```

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

Here you see how a box with a 4 pixel #007B89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007B89; -webkit-box-shadow:4px 4px  
4px 4px #007B89; box-shadow:4px 4px 4px  
4px #007B89 }
```

Background

The CSS property to change the background color of an element to Hex 007B89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007B89 }
```

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

```
.background{ background-color:#007B89 }
```

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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