

Converting Colors

Hex(007489)

Have a look what the booklet for
Hex(007489) contains.

Hex(007489)	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(007489)

Conversions

Conversions Part 1

Format	Color
Hex	007489
RGB	0, 116, 137
RGB Percent	0%, 45%, 54%
CMY	1.0000, 0.5451, 0.4627
CMYK	1.00, 0.15, 0.00, 0.46
HSL	189°, 100%, 27%
HSV	189°, 100%, 54%
XYZ	10.7607, 14.2969, 25.8593
YIQ	83.7100, -75.8770, -18.0610

Conversions

Conversions Part 2

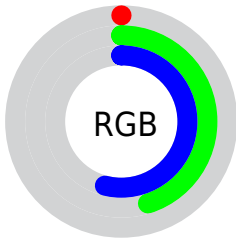
Format	Color
RYB	0, 63, 137
Decimal	29833
CIELab	44.66, -19.56, -19.28
CIElCh	45, 27.466, 224.575
Yxy	14.2969, 0.2113, 0.2808
Android (android.graphics.Color)	4278219913 (0xFF007489)
YUV	83.7100, 26.2720, -73.4137
Hunter-Lab	37.8113, -15.3702, -14.0809

Details

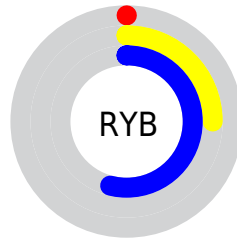
The Hex color **007489** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **891500**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **52A8BE**, and **004457** is the 20% darker color. If you saturate the color by 10%, you get **007489**, and if you desaturate by 10%, it is **0E7689**.

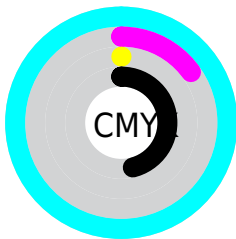
Distribution



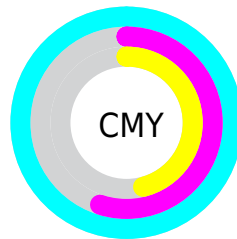
- Red (0%)
- Green (45%)
- Blue (54%)



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



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (55%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007489 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 007489 by changing the saturation by 10% instead.

 007489

 007489

FFFFFF

 005B70

 52A8BE

 004457

 6FC4DA

 002D40

 8CE0F7

 001A2A

 A9FCFF

 000115

 C6FFFF

 000000

 E3FFFF

 007489

 0E7689

■ 1B7889

■ 297A89

■ 377C89

■ 457E89

■ 528189

■ 608389

■ 6E8589

■ 7B8789

Harmonies

Analogous

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



117674



007489



326F95

Triad

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



007489



8F5976



6D6C3D

Complementary

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



007489



891500

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.



83643E



007489



96585F

Square

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



007489



7A608A



915C4B



547248

Rectangle

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



007489



4E6B97



915C4B



75693B

Sweetspot

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



007489



7DAAB3



008915



395459



D9D9D9



595959

Same Dimension

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



007489



0097B3



003089



3E4445



007085



000405

Inverse Universe

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



890074



B30097



895900



453E44



850070



050004

Previews

White Background



This preview shows how the Hex color 007489 looks on a white background.

Color Contrast Check

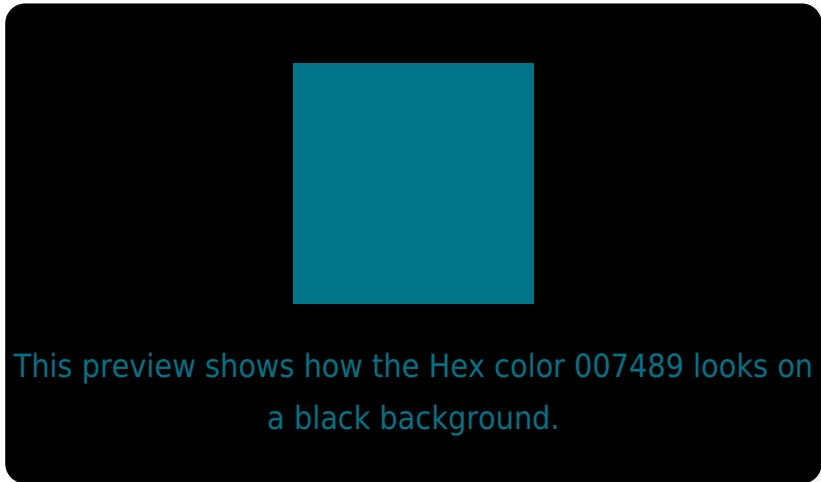
Large Text (above 18pt) WCAG AA ✓ Pass

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

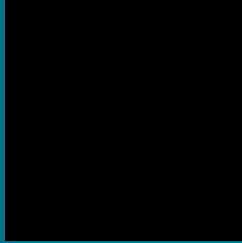
Any Text WCAG AA × Fail

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 007489 Background



This preview shows how black text looks on a background with the Hex color 007489.

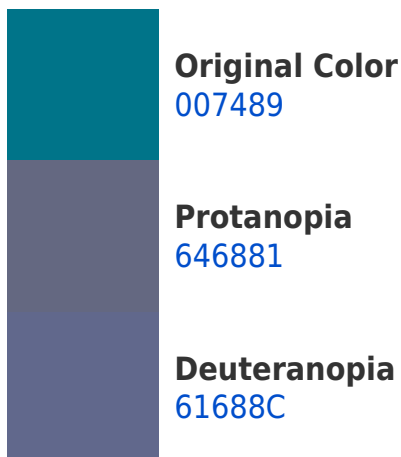


This preview shows how white text looks on a background with the Hex color 007489.

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



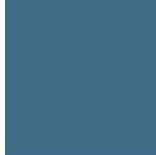


Tritanopia
00757F

Trichromacy



Original Color
007489



Protanomaly
406C84



Deuteranomaly
3E6C8B



Tritanomaly
007583

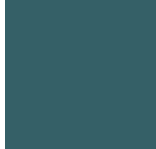
Monochromacy



Original Color
007489



Achromatopsia
545454



Achromatomaly
356067

CSS Examples

Text

The CSS property to change the color of the text to Hex 007489 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 #007489 looks like.

```
.text, #text, p{  
    color:#007489  
}
```

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 #007489 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007489
}
```

Border

The CSS property to change the border of an element to Hex 007489 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
#007489 }
```

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

```
.border{ border-color:#007489 }
```

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

Here you see how a box with a 4 pixel #007489 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007489; -webkit-box-shadow:4px 4px  
4px 4px #007489; box-shadow:4px 4px 4px  
4px #007489 }
```

Background

The CSS property to change the background color of an element to Hex 007489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007489 }
```

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

```
.background{ background-color:#007489 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor