

# Converting Colors

Hex(008489)

Have a look what the booklet for  
Hex(008489) contains.

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# Color

Hex(008489)

# Conversions

## Conversions Part 1

Format	Color
Hex	008489
RGB	0, 132, 137
RGB Percent	0%, 52%, 54%
CMY	1.0000, 0.4824, 0.4627
CMYK	1.00, 0.04, 0.00, 0.46
HSL	182°, 100%, 27%
HSV	182°, 100%, 54%
XYZ	12.7666, 18.3087, 26.5280
YIQ	93.1020, -80.2770, -26.4290

# Conversions

## Conversions Part 2

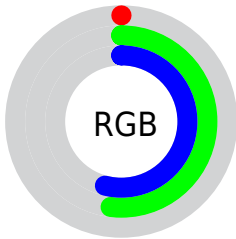
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 67, 137
Decimal	33929
CIELab	49.87, -27.85, -11.35
CIELCh	50, 30.074, 202.168
Yxy	18.3087, 0.2216, 0.3178
Android (android.graphics.Color)	4278224009 (0xFF008489)
YUV	93.1020, 21.6417, -81.6505
Hunter-Lab	42.7886, -21.6220, -6.8064

# Details

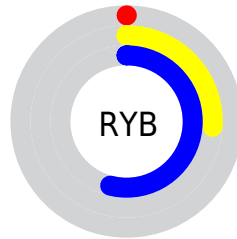
The Hex color **008489** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **890500**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **54BABE**, and **005257** is the 20% darker color. If you saturate the color by 10%, you get **008489**, and if you desaturate by 10%, it is **0E8589**.

# Distribution



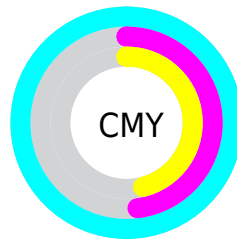
- Red (0%)
- Green (52%)
- Blue (54%)



- Red (0%)
- Yellow (26%)
- Blue (54%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (48%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008489 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 008489 by changing the saturation by 10% instead.



 008489

 008489

FFFFFF

 006A70

 54BABE

 005257

 72D5DA

 003A40

 8FF2F7

 00252A

 ACFFFF

 000116

 CAFFFF

 000000

 E7FFFF

 008489

 0E8589

 1B8589

 298689

 378689

 458789

 528789

 608889

 6E8889

 7B8989

# Harmonies

## Analogous

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



34846F



008489



0C819E

# Triad

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



008489



906996



8D7344

# Complementary

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



008489



890500

# 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.



A06A4F



008489



A4637E

# Square

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



008489



7072A6



A86465



747B46

# Rectangle

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



008489



347EA7



A86465



947046



# Sweetspot

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



008489



7DB1B3



008905



395859



D9D9D9



595959



# Same Dimension

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



008489



00ACB3



004089



3E4545



008085



000505



# Inverse Universe

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



890084



B300AC



894900



453E45



850080



050005



# Previews

## White Background



This preview shows how the Hex color 008489 looks on a white background.

## Color Contrast Check

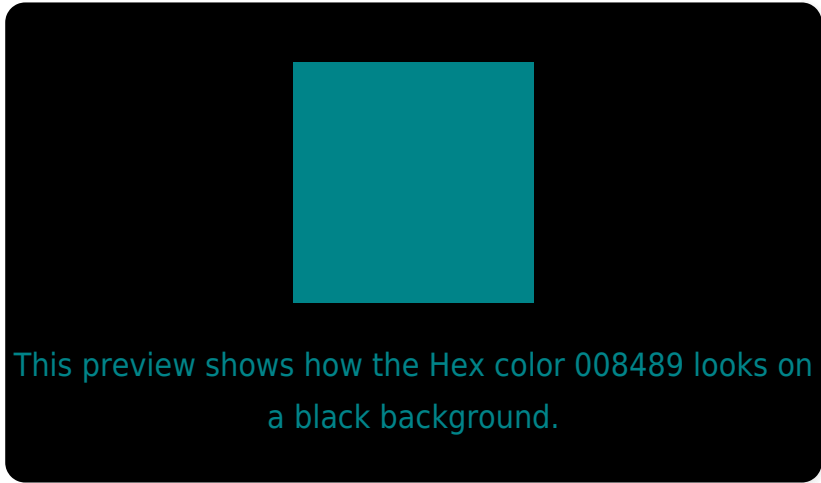
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

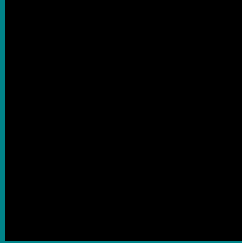
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 008489 Background



This preview shows how black text looks on a background with the Hex color 008489.

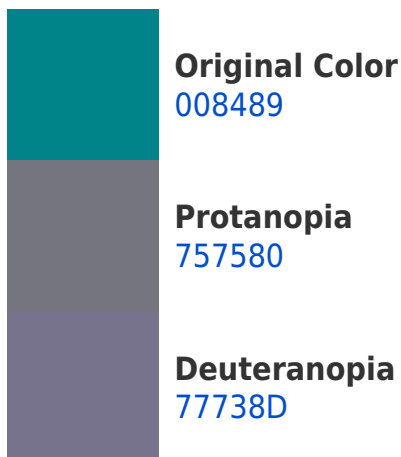


This preview shows how white text looks on a background with the Hex color 008489.

# 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**  
12838E

# Trichromacy



**Original Color**  
008489



**Protanomaly**  
4A7A83



**Deuteranomaly**  
4C798C



**Tritanomaly**  
0B838C

# Monochromacy



**Original Color**  
008489



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
3B6B6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008489 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 #008489 looks like.

```
.text, #text, p{  
    color:#008489  
}
```

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 #008489 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008489
}
```

## Border

The CSS property to change the border of an element to Hex 008489 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
#008489 }
```

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

```
.border{ border-color:#008489 }
```

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

Here you see how a box with a 4 pixel #008489 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008489; -webkit-box-shadow:4px 4px  
4px 4px #008489; box-shadow:4px 4px 4px  
4px #008489 }
```

# Background

The CSS property to change the background color of an element to Hex 008489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008489 }
```

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

```
.background{ background-color:#008489 }
```

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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