

# Converting Colors

Hex(126989)

Have a look what the booklet for  
Hex(126989) contains.

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# Color

**Hex(126989)**

# Conversions

## Conversions Part 1

Format	Color
Hex	126989
RGB	18, 105, 137
RGB Percent	7%, 41%, 54%
CMY	0.9294, 0.5882, 0.4627
CMYK	0.87, 0.23, 0.00, 0.46
HSL	196°, 77%, 30%
HSV	196°, 87%, 54%
XYZ	9.8164, 12.0379, 25.4731
YIQ	82.6350, -62.1240, -8.4920

# Conversions

## Conversions Part 2

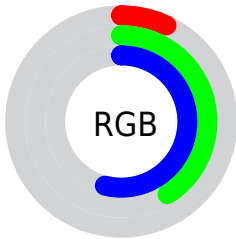
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 68, 137
Decimal	1206665
CIE <sub>Lab</sub>	41.28, -12.29, -24.48
CIE <sub>LCh</sub>	41, 27.396, 243.342
Yxy	12.0379, 0.2074, 0.2544
Android (android.graphics.Color)	4279396745 (0xFF126989)
YUV	82.6350, 26.8019, -56.6849
Hunter-Lab	34.6957, -10.2147, -19.2429

# Details

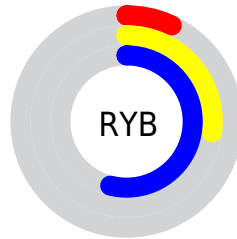
The Hex color **126989** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **893212**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **569CBF**, and **003A57** is the 20% darker color. If you saturate the color by 10%, you get **046589**, and if you desaturate by 10%, it is **206D89**.

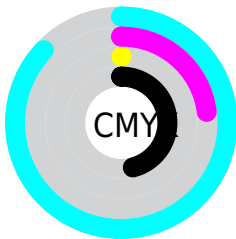
# Distribution



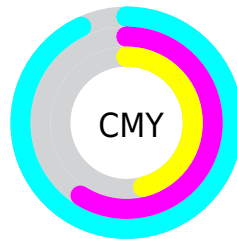
- Red (7%)
- Green (41%)
- Blue (54%)



- Red (7%)
- Yellow (27%)
- Blue (54%)



- Cyan (87%)
- Magenta (23%)
- Yellow (0%)
- Black (46%)



- Cyan (93%)
- Magenta (59%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 126989 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 126989 by changing the saturation by 10% instead.



■ 126989

■ 126989

FFFFFF

■ 00516F

■ 569CBF

■ 003A57

■ 72B7DA

■ 00243F

■ 8FD3F7

■ 000C2A

■ ABEFFF

■ 000114

■ C8FFFF

■ 000000

■ E5FFFF

■ 126989

■ 126989

■ 046589

■ 206D89

■ 006489

■ 2D7089

■ 3B7489

■ 497889

■ 577B89

■ 647F89

■ 728389

■ 808689

■ 8D8A89

# Harmonies

## Analogous

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



006C79



126989



43638E

# Triad

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



126989



8C4F60



56673B

# Complementary

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



126989



893212

# 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.



6D6134



126989



8B524A

# Square

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



126989



805376



80593A



3A6B4C

# Rectangle

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



126989



5C5D8B



80593A



5E6537



# Sweetspot

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



126989



84A6B3



128932



3E5259



D9D9D9



595959



# Same Dimension

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



126989



0083B3



122E89



3E4345



006185



000405



# Inverse Universe

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



891269



B30082



896D12



453E43



850061



050004



# Previews

## White Background



This preview shows how the Hex color 126989 looks on a white background.

## Color Contrast Check

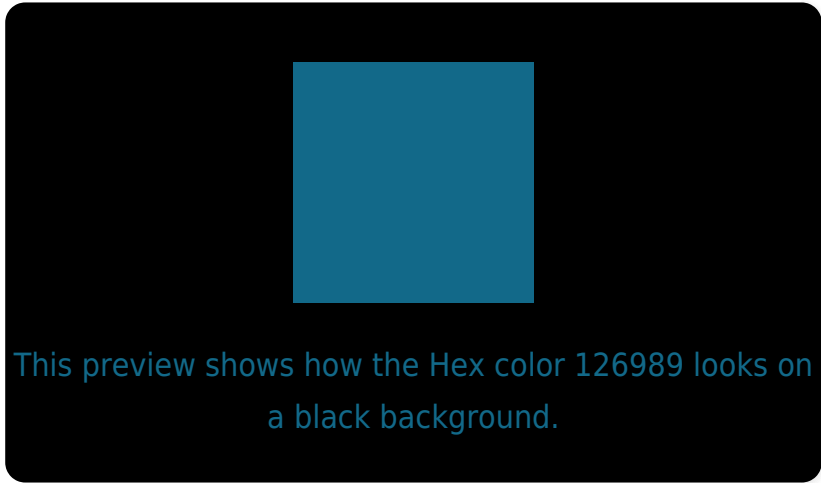
Large Text (above 18pt) WCAG AA ✓ Pass

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

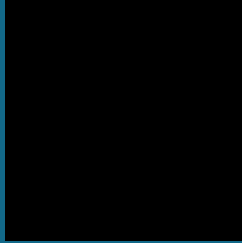
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 126989 Background



This preview shows how black text looks on a background with the Hex color 126989.



This preview shows how white text looks on a background with the Hex color 126989.

# 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](#).

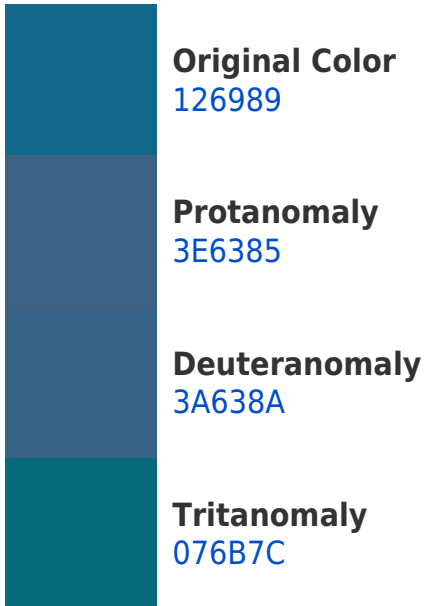
## Dichromacy





**Tritanopia**  
006C74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 126989 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 #126989 looks like.

```
.text, #text, p{  
    color:#126989  
}
```

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 #126989 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #126989
}
```

## Border

The CSS property to change the border of an element to Hex 126989 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
#126989 }
```

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

```
.border{ border-color:#126989 }
```

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

Here you see how a box with a 4 pixel #126989 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #126989; -webkit-box-shadow:4px 4px  
4px 4px #126989; box-shadow:4px 4px 4px  
4px #126989 }
```

# Background

The CSS property to change the background color of an element to Hex 126989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#126989 }
```

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

```
.background{ background-color:#126989 }
```

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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