

# Converting Colors

Hex(107589)

Have a look what the booklet for  
Hex(107589) contains.

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# Color

**Hex(107589)**

# Conversions

## Conversions Part 1

Format	Color
Hex	107589
RGB	16, 117, 137
RGB Percent	6%, 46%, 54%
CMY	0.9373, 0.5412, 0.4627
CMYK	0.88, 0.15, 0.00, 0.46
HSL	190°, 79%, 30%
HSV	190°, 88%, 54%
XYZ	11.0903, 14.6389, 25.9080
YIQ	89.0810, -66.6160, -15.1920

# Conversions

## Conversions Part 2

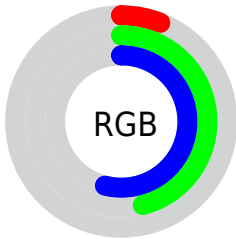
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 71, 137
Decimal	1078665
CIELab	45.14, -19.19, -18.53
CIELCh	45, 26.673, 223.996
Yxy	14.6389, 0.2148, 0.2835
Android (android.graphics.Color)	4279268745 (0xFF107589)
YUV	89.0810, 23.6241, -64.0920
Hunter-Lab	38.2608, -15.2161, -13.3652

# Details

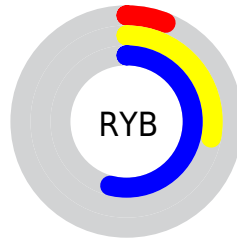
The Hex color **107589** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **892410**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **56A9BE**, and **004457** is the 20% darker color. If you saturate the color by 10%, you get **027389**, and if you desaturate by 10%, it is **1E7789**.

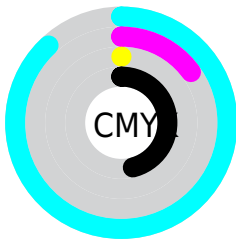
# Distribution



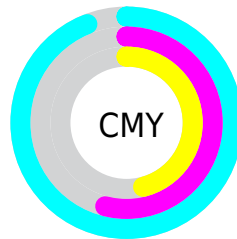
- Red (6%)
- Green (46%)
- Blue (54%)



- Red (6%)
- Yellow (28%)
- Blue (54%)



- Cyan (88%)
- Magenta (15%)
- Yellow (0%)
- Black (46%)



- Cyan (94%)
- Magenta (54%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 107589 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 107589 by changing the saturation by 10% instead.



■ 107589

■ 107589

FFFFFF

■ 005C70

■ 56A9BE

■ 004457

■ 73C5DA

■ 002E40

■ 90E1F7

■ 001B2A

■ ACFDFF

■ 000115

■ C9FFFF

■ 000000

■ E7FFFF

■ 107589

■ 107589

■ 027389

■ 1E7789

■ 007289

■ 2B7A89

■ 397C89

■ 477E89

■ 548089

■ 628389

■ 708589

■ 7E8789

■ 8B8989

# Harmonies

## Analogous

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



1B7775



107589



367095

# Triad

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



107589



8F5B78



6F6D3F

# Complementary

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



107589



892410

# 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.



846540



107589



965A61

# Square

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



107589



7B618B



925E4D



56734A

# Rectangle

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



107589



506C97



925E4D



776A3E



# Sweetspot

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



107589



84ABB3



108922



3E5559



D9D9D9



595959



# Same Dimension

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



107589



0095B3



103A89



3E4445



006F85



000405



# Inverse Universe

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



891075



B30095



895F10



453E44



85006F



050004



# Previews

## White Background



This preview shows how the Hex color 107589 looks on a white background.

## Color Contrast Check

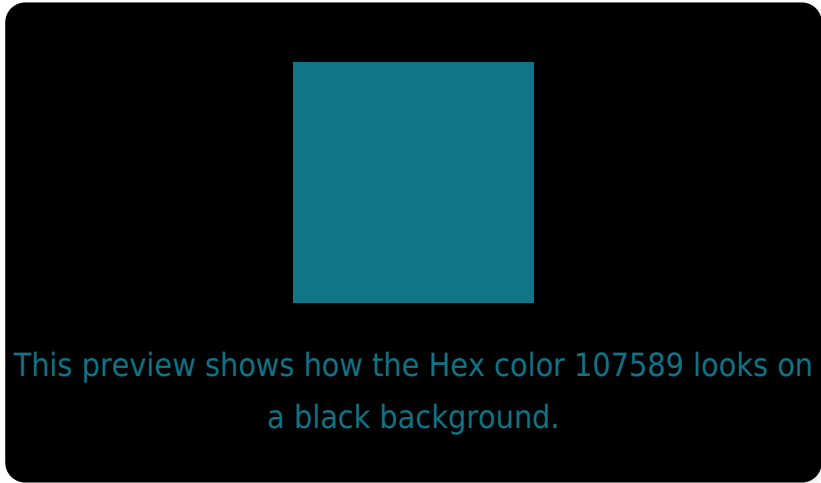
Large Text (above 18pt) WCAG AA ✓ Pass

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

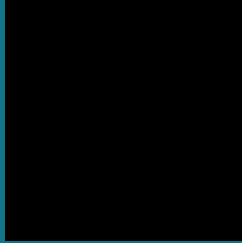
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 107589 Background



This preview shows how black text looks on a background with the Hex color 107589.

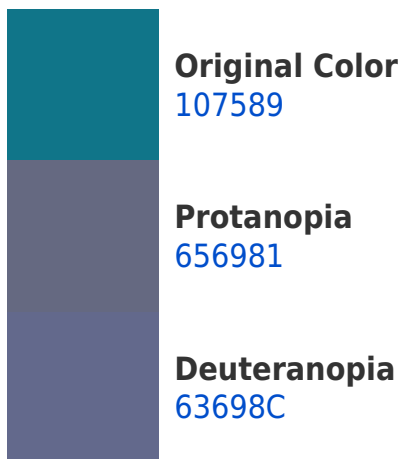


This preview shows how white text looks on a background with the Hex color 107589.

# Color Blindness Simulation

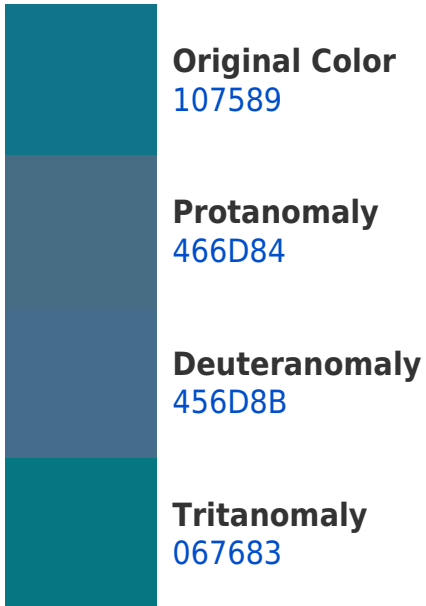
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 107589 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 #107589 looks like.

```
.text, #text, p{  
    color:#107589  
}
```

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 #107589 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #107589
}
```

## Border

The CSS property to change the border of an element to Hex 107589 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
#107589 }
```

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

```
.border{ border-color:#107589 }
```

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

Here you see how a box with a 4 pixel #107589 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #107589; -webkit-box-shadow:4px 4px  
4px 4px #107589; box-shadow:4px 4px 4px  
4px #107589 }
```

# Background

The CSS property to change the background color of an element to Hex 107589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#107589 }
```

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

```
.background{ background-color:#107589 }
```

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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