

# Converting Colors

Hex(107B59)

Have a look what the booklet for  
Hex(107B59) contains.

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# Color

Hex(107B59)

# Conversions

## Conversions Part 1

Format	Color
Hex	107B59
RGB	16, 123, 89
RGB Percent	6%, 48%, 35%
CMY	0.9373, 0.5176, 0.6510
CMYK	0.87, 0.00, 0.28, 0.52
HSL	161°, 77%, 27%
HSV	161°, 87%, 48%
XYZ	9.0998, 14.9973, 11.8664
YIQ	87.1310, -52.8580, -33.2580

# Conversions

## Conversions Part 2

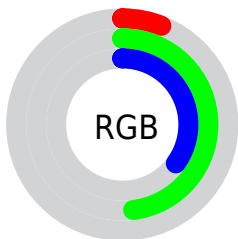
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 80, 123
Decimal	1080153
CIELab	45.63, -36.91, 10.73
CIELCh	46, 38.440, 163.795
Yxy	14.9973, 0.2530, 0.4170
Android (android.graphics.Color)	4279270233 (0xFF107B59)
YUV	87.1310, 0.9214, -62.3819
Hunter-Lab	38.7264, -25.8278, 8.9411

# Details

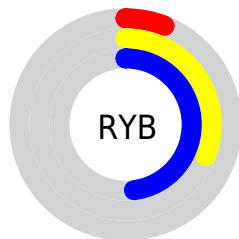
The Hex color **107B59** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7B1032**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **52B08B**, and **00492B** is the 20% darker color. If you saturate the color by 10%, you get **047B55**, and if you desaturate by 10%, it is **1C7B5D**.

# Distribution



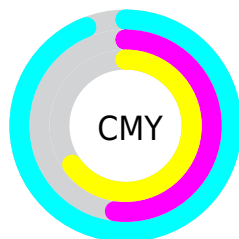
- Red (6%)
- Green (48%)
- Blue (35%)



- Red (6%)
- Yellow (31%)
- Blue (48%)



- Cyan (87%)
- Magenta (0%)
- Yellow (28%)
- Black (52%)



- Cyan (94%)
- Magenta (52%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 107B59 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 107B59 by changing the saturation by 10% instead.





107B59



107B59

FFFFFF



006242



52B08B



00492B



6ECCA5



003117



8AE9C1



001C00



A6FFDC



000000



C3FFF9



E0FFFF



FEFFFF



107B59



107B59

■ 047B55

■ 1C7B5D

■ 007B54

■ 297B61

■ 357B65

■ 417B69

■ 4E7B6D

■ 5A7B70

■ 667B74

■ 727B78

■ 7F7B7C

# Harmonies

## Analogous

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



4C773C



107B59



007C7A

# Triad

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



107B59



506AAA



A15841

# Complementary

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



107B59



7B1032

# 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.



A8515E



107B59



815E9B

# Square

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



107B59



0074A9



9E537F



8D642D

# Rectangle

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



107B59



007B8F



9E537F



A5554A



# Sweetspot

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



107B59



77A193



347B10



38524A



D1D1D1



525252



# Same Dimension

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



107B59



00A16E



10697B



373D3B



007D55



00FCAC



# Inverse Universe

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



7B1032



A10033



7B2210



3D3739



7D0028

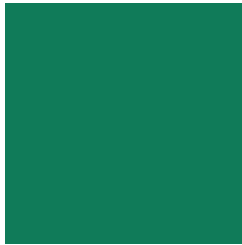


FC0050



# Previews

## White Background



This preview shows how the Hex color 107B59 looks on a white background.

## Color Contrast Check

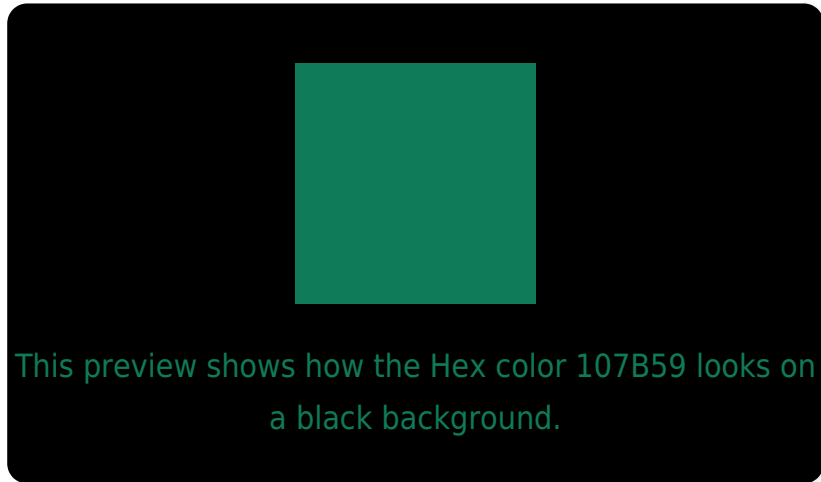
Large Text (above 18pt) WCAG AA ✓ Pass

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

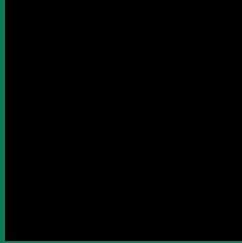
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 107B59 Background



This preview shows how black text looks on a background with the Hex color 107B59.



This preview shows how white text looks on a background with the Hex color 107B59.

# 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



**Original Color**  
107B59

**Protanopia**  
736B52

**Deuteranopia**  
7B685D



**Tritanopia**  
2B7680

# Trichromacy



**Original Color**  
107B59



**Protanomaly**  
4F7155



**Deuteranomaly**  
546F5C



**Tritanomaly**  
217872

# Monochromacy



**Original Color**  
107B59



**Achromatopsia**  
575757



**Achromatomaly**  
3D6458

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 107B59 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 #107B59 looks like.

```
.text, #text, p{  
    color:#107B59  
}
```

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 #107B59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #107B59
}
```

## Border

The CSS property to change the border of an element to Hex 107B59 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
#107B59 }
```

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

```
.border{ border-color:#107B59 }
```

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

Here you see how a box with a 4 pixel #107B59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #107B59; -webkit-box-shadow:4px 4px  
4px 4px #107B59; box-shadow:4px 4px 4px  
4px #107B59 }
```

# Background

The CSS property to change the background color of an element to Hex 107B59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#107B59 }
```

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

```
.background{ background-color:#107B59 }
```

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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