

# Converting Colors

Hex(107863)

Have a look what the booklet for  
Hex(107863) contains.

<b>Hex(107863)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(107863)**

# Conversions

## Conversions Part 1

Format	Color
Hex	107863
RGB	16, 120, 99
RGB Percent	6%, 47%, 39%
CMY	0.9373, 0.5294, 0.6118
CMYK	0.87, 0.00, 0.18, 0.53
HSL	168°, 76%, 27%
HSV	168°, 87%, 47%
XYZ	9.1823, 14.4440, 14.1084
YIQ	86.5100, -55.2430, -28.5790

# Conversions

## Conversions Part 2

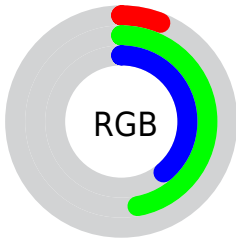
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 74, 120
Decimal	1079395
CIELab	44.86, -32.92, 3.73
CIELCh	45, 33.126, 173.533
Yxy	14.4440, 0.2433, 0.3828
Android (android.graphics.Color)	4279269475 (0xFF107863)
YUV	86.5100, 6.1576, -61.8373
Hunter-Lab	38.0052, -23.3824, 4.5939

# Details

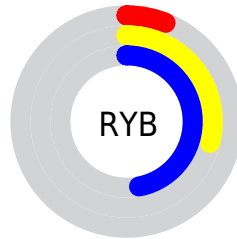
The Hex color **107863** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **781025**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **52AD96**, and **004635** is the 20% darker color. If you saturate the color by 10%, you get **047861**, and if you desaturate by 10%, it is **1C7865**.

# Distribution



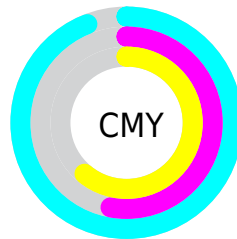
- Red (6%)
- Green (47%)
- Blue (39%)



- Red (6%)
- Yellow (29%)
- Blue (47%)



- Cyan (87%)
- Magenta (0%)
- Yellow (18%)
- Black (53%)



- Cyan (94%)
- Magenta (53%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 107863 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 107863 by changing the saturation by 10% instead.





107863



107863

FFFFFF



005F4B



52AD96



004635



6EC9B0



002F1F



8AE5CC



001A08



A6FFE8



000000



C3FFF



E0FFF



FDFFF



107863



107863

■ 047861

■ 1C7865

■ 007860

■ 287868

■ 34786A

■ 40786D

■ 4C786F

■ 587872

■ 647874

■ 707876

■ 7C7879

# Harmonies

## Analogous

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



447548



107863



00787F

# Triad

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



107863



63659D



945D3F

# Complementary

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



107863



781025

# 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.



9E5556



107863



875B8B

# Square

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



107863



2D6FA1



9A5471



806732

# Rectangle

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



107863



00778F



9A5471



995A45



# Sweetspot

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



107863



739C93



277810



374F4A



CFCFCF



4F4F4F



# Same Dimension

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



107863



009C7C



105B78



373D3C



007D64



00FCC9



# Inverse Universe

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



781025



9C001F



782D10



3D3738



7D0019



FC0033



# Previews

## White Background



This preview shows how the Hex color 107863 looks on a white background.

## Color Contrast Check

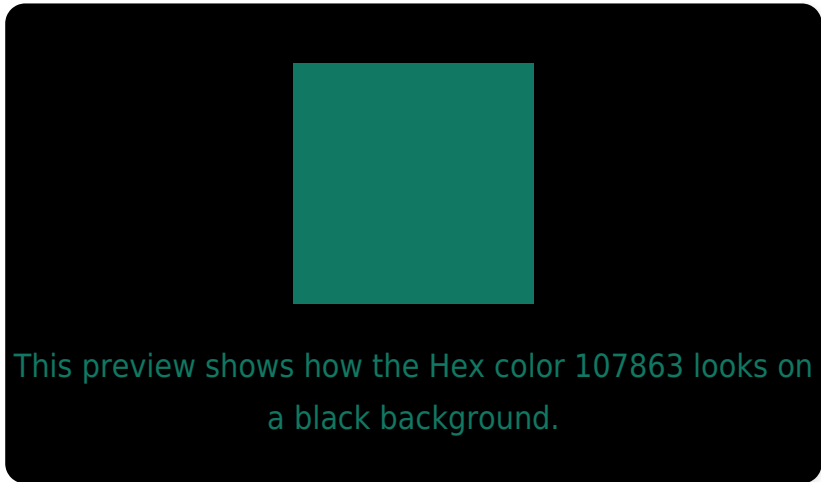
Large Text (above 18pt) WCAG AA ✓ Pass

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

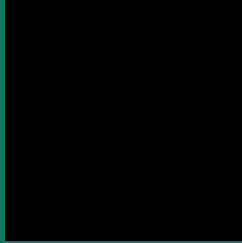
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 107863 Background



This preview shows how black text looks on a background with the Hex color 107863.



This preview shows how white text looks on a background with the Hex color 107863.

# 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**  
107863

**Protanopia**  
6F695B

**Deuteranopia**  
756667



**Tritanopia**  
26747E

# Trichromacy



**Original Color**

107863



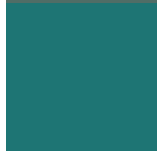
**Protanomaly**

4C6E5E



**Deuteranomaly**

506D66



**Tritanomaly**

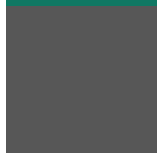
1E7574

# Monochromacy



**Original Color**

107863



**Achromatopsia**

575757



**Achromatomaly**

3D635B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 107863 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 #107863 looks like.

```
.text, #text, p{  
    color:#107863  
}
```

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 #107863 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #107863
}
```

## Border

The CSS property to change the border of an element to Hex 107863 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
#107863 }
```

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

```
.border{ border-color:#107863 }
```

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

Here you see how a box with a 4 pixel #107863 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #107863; -webkit-box-shadow:4px 4px  
4px 4px #107863; box-shadow:4px 4px 4px  
4px #107863 }
```

# Background

The CSS property to change the background color of an element to Hex 107863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#107863 }
```

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

```
.background{ background-color:#107863 }
```

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