

# Converting Colors

Hex(107E41)

Have a look what the booklet for  
Hex(107E41) contains.

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# Color

**Hex(107E41)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	107E41
RGB	16, 126, 65
RGB Percent	6%, 49%, 25%
CMY	0.9373, 0.5059, 0.7451
CMYK	0.87, 0.00, 0.48, 0.51
HSL	147°, 77%, 28%
HSV	147°, 87%, 49%
XYZ	8.6287, 15.4135, 7.5214
YIQ	86.1560, -45.9790, -42.2910

# Conversions

## Conversions Part 2

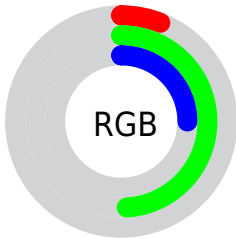
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 92, 126
Decimal	1080897
CIELab	46.20, -43.37, 25.17
CIELCh	46, 50.142, 149.867
Yxy	15.4135, 0.2734, 0.4883
Android (android.graphics.Color)	4279270977 (0xFF107E41)
YUV	86.1560, -10.4299, -61.5268
Hunter-Lab	39.2601, -29.4739, 16.1234

# Details

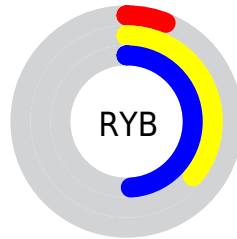
The Hex color **107E41** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7E104D**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **53B472**, and **004C14** is the 20% darker color. If you saturate the color by 10%, you get **037E3A**, and if you desaturate by 10%, it is **1D7E48**.

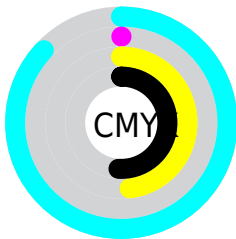
# Distribution



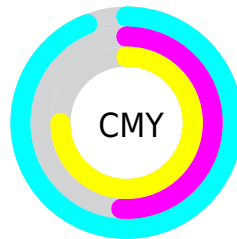
- Red (6%)
- Green (49%)
- Blue (25%)



- Red (6%)
- Yellow (36%)
- Blue (49%)



- Cyan (87%)
- Magenta (0%)
- Yellow (48%)
- Black (51%)



- Cyan (94%)
- Magenta (51%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 107E41 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 107E41 by changing the saturation by 10% instead.



 107E41

 107E41

FFFFFF

 00642A

 53B472

 004C14

 6FD08C

 003400

 8BECA6

 001E00

 A7FFC2

 000000

 C4FFDE

 E1FFFA

 107E41

 107E41

 037E3A

 1D7E48

■ 007E38

■ 297E4F

■ 367E56

■ 427E5D

■ 4F7E64

■ 5C7E6B

■ 687E72

■ 757E79

■ 817E80

# Harmonies

## Analogous

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



59771C



107E41



00816C

# Triad

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



107E41



0072C2



B64B46

# Complementary

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



107E41



7E104D

# 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.



B7456F



107E41



6C62B7

# Square

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



107E41



007CB6



A05098



A35B23

# Rectangle

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



107E41



008189



A05098



B94753



# Sweetspot

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



107E41



79A38C



4E7E10



385244



D1D1D1



525252



# Same Dimension

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



107E41



00A349



107E77



39403C



008039



000000



# Inverse Universe

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



7E104D



A3005B



7E1017



40393D



800047



000000



# Previews

## White Background



This preview shows how the Hex color 107E41 looks on a white background.

## Color Contrast Check

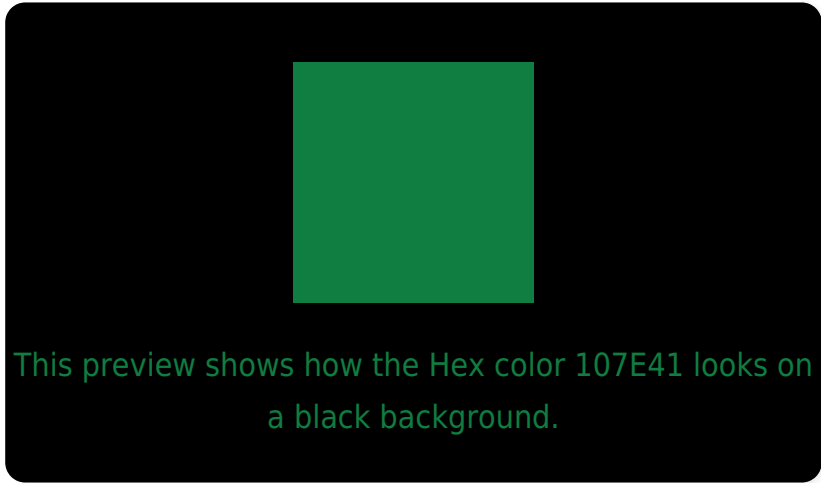
Large Text (above 18pt) WCAG AA ✓ Pass

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

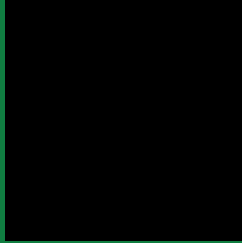
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 107E41 Background



This preview shows how black text looks on a background with the Hex color 107E41.



This preview shows how white text looks on a background with the Hex color 107E41.

# 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**  
107E41

**Protanopia**  
786D3B

**Deuteranopia**  
836846



**Tritanopia**  
327781

# Trichromacy



**Original Color**  
107E41



**Protanomaly**  
52733D



**Deuteranomaly**  
597044



**Tritanomaly**  
267A6A

# Monochromacy



**Original Color**  
107E41



**Achromatopsia**  
565656



**Achromatomaly**  
3D654E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 107E41 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 #107E41 looks like.

```
.text, #text, p{  
    color:#107E41  
}
```

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 #107E41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #107E41
}
```

## Border

The CSS property to change the border of an element to Hex 107E41 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
#107E41 }
```

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

```
.border{ border-color:#107E41 }
```

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

Here you see how a box with a 4 pixel #107E41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #107E41; -webkit-box-shadow:4px 4px  
4px 4px #107E41; box-shadow:4px 4px 4px  
4px #107E41 }
```

# Background

The CSS property to change the background color of an element to Hex 107E41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#107E41 }
```

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

```
.background{ background-color:#107E41 }
```

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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