

Converting Colors

Hex(107E33)

Have a look what the booklet for
Hex(107E33) contains.

Hex(107E33)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(107E33)

Conversions

Conversions Part 1

Format	Color
Hex	107E33
RGB	16, 126, 51
RGB Percent	6%, 49%, 20%
CMY	0.9373, 0.5059, 0.8000
CMYK	0.87, 0.00, 0.60, 0.51
HSL	139°, 77%, 28%
HSV	139°, 87%, 49%
XYZ	8.2721, 15.2709, 5.6436
YIQ	84.5600, -41.4850, -46.6450

Conversions

Conversions Part 2

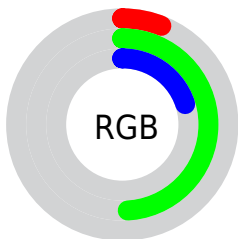
Format	Color
RYB	16, 99, 126
Decimal	1080883
CIELab	46.00, -45.68, 32.33
CIELCh	46, 55.961, 144.706
Yxy	15.2709, 0.2834, 0.5232
Android (android.graphics.Color)	4279270963 (0xFF107E33)
YUV	84.5600, -16.5451, -60.1271
Hunter-Lab	39.0780, -30.6013, 18.7920

Details

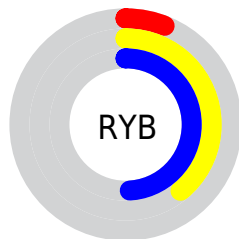
The Hex color **107E33** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7E105B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **53B464**, and **004B02** is the 20% darker color. If you saturate the color by 10%, you get **037E2A**, and if you desaturate by 10%, it is **1D7E3C**.

Distribution



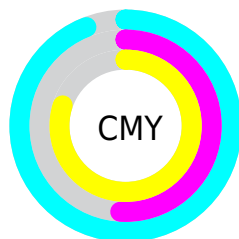
- Red (6%)
- Green (49%)
- Blue (20%)



- Red (6%)
- Yellow (39%)
- Blue (49%)



- Cyan (87%)
- Magenta (0%)
- Yellow (60%)
- Black (51%)



- Cyan (94%)
- Magenta (51%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 107E33 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 107E33 by changing the saturation by 10% instead.

 107E33

 107E33

FFFFFF

 00641B

 53B464

 004B02

 70D07D

 003400

 8CEC98

 001D00

 A8FFB3

 000000

 C5FFCF

 E2FFEB

 107E33

 107E33

 037E2A

 1D7E3C

■ 007E28

■ 297E44

■ 367E4D

■ 427E55

■ 4F7E5E

■ 5C7E67

■ 687E6F

■ 757E78

■ 817E80

Harmonies

Analogous

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



5D7601



107E33



008263

Triad

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



107E33



0075CB



BF4149

Complementary

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



107E33



7E105B

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.



BC3D77



107E33



5B64C3

Square

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



107E33



007FB9



9D4EA4



AC541E

Rectangle

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



107E33



008383



9D4EA4



C03D58

Sweetspot

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



107E33



79A386



5B7E10



385240



D1D1D1



525252

Same Dimension

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



107E33



00A334



107E6A



39403B



008029



000000

Inverse Universe

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



7E105B



A3006F



7E1024



40393E



800057



000000

Previews

White Background



This preview shows how the Hex color 107E33 looks on a white background.

Color Contrast Check

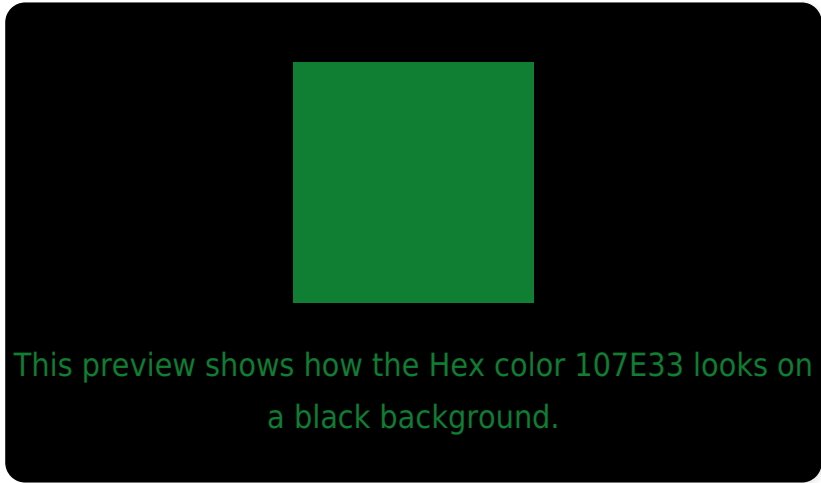
Large Text (above 18pt) WCAG AA ✓ Pass

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 107E33 Background



This preview shows how black text looks on a background with the Hex color 107E33.



This preview shows how white text looks on a background with the Hex color 107E33.

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
107E33

Protanopia
796D2E

Deuteranopia
856739



Tritanopia
347680

Trichromacy



Original Color
107E33



Protanomaly
537330



Deuteranomaly
5A6F37



Tritanomaly
277964

Monochromacy



Original Color
107E33



Achromatopsia
555555



Achromatomaly
3C6449

CSS Examples

Text

The CSS property to change the color of the text to Hex 107E33 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 #107E33 looks like.

```
.text, #text, p{  
    color:#107E33  
}
```

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 #107E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #107E33 }  
}
```

Border

The CSS property to change the border of an element to Hex 107E33 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 #107E33 }  
}
```

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

```
.border{ border-color:#107E33 }
```

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

Here you see how a box with a 4 pixel #107E33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #107E33; -webkit-box-shadow:4px 4px  
4px 4px #107E33; box-shadow:4px 4px 4px  
4px #107E33 }
```

Background

The CSS property to change the background color of an element to Hex 107E33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#107E33 }
```

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

```
.background{ background-color:#107E33 }
```

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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