

Converting Colors

Hex(107C53)

Have a look what the booklet for
Hex(107C53) contains.

Hex(107C53)	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(107C53)

Conversions

Conversions Part 1

Format	Color
Hex	107C53
RGB	16, 124, 83
RGB Percent	6%, 49%, 33%
CMY	0.9373, 0.5137, 0.6745
CMYK	0.87, 0.00, 0.33, 0.51
HSL	157°, 77%, 27%
HSV	157°, 87%, 49%
XYZ	8.9827, 15.1500, 10.6344
YIQ	87.0340, -51.2070, -35.6470

Conversions

Conversions Part 2

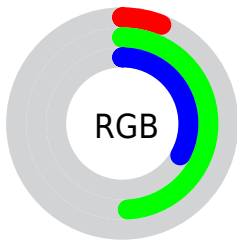
Format	Color
RYB	16, 83, 124
Decimal	1080403
CIELab	45.84, -38.80, 14.51
CIElCh	46, 41.423, 159.489
Yxy	15.1500, 0.2584, 0.4358
Android (android.graphics.Color)	4279270483 (0xFF107C53)
YUV	87.0340, -1.9888, -62.2968
Hunter-Lab	38.9230, -26.9209, 11.0471

Details

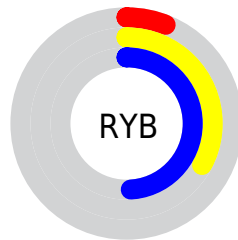
The Hex color **107C53** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7C1039**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **52B185**, and **004A26** is the 20% darker color. If you saturate the color by 10%, you get **047C4E**, and if you desaturate by 10%, it is **1C7C58**.

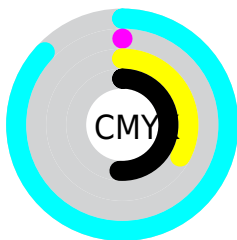
Distribution



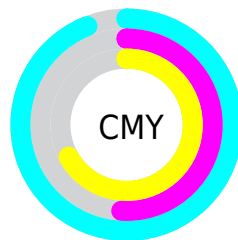
- Red (6%)
- Green (49%)
- Blue (33%)



- Red (6%)
- Yellow (33%)
- Blue (49%)



- Cyan (87%)
- Magenta (0%)
- Yellow (33%)
- Black (51%)



- Cyan (94%)
- Magenta (51%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 107C53 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 107C53 by changing the saturation by 10% instead.

 107C53

 107C53

FFFFFF

 00623C

 52B185

 004A26

 6ECD9F

 003211

 8AEABA

 001D00

 A6FFD6

 000000

 C3FFF2

 E0FFFF

 FEFFFF

 107C53

 107C53

■ 047C4E

■ 1C7C58

■ 007C4D

■ 297C5C

■ 357C61

■ 427C66

■ 4E7C6B

■ 5A7C6F

■ 677C74

■ 737C79

■ 807C7D

Harmonies

Analogous

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



507734



107C53



007E77

Triad

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



107C53



416DB1



A75542

Complementary

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



107C53



7C1039

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.



AD4E63



107C53



7D5FA2

Square

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



107C53



0077AD



9F5286



93622A

Rectangle

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



107C53



007D8E



9F5286



AB524C

Sweetspot

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



107C53



77A191



397C10



385248



D1D1D1



525252

Same Dimension

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



107C53



00A164



106F7C



373D3B



007D4E



00FC9D

Inverse Universe

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



7C1039



A1003D



7C1D10



3D3739



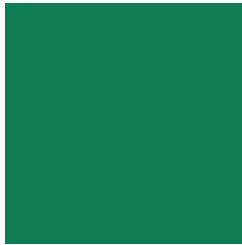
7D002F



FC0060

Previews

White Background



This preview shows how the Hex color 107C53 looks on a white background.

Color Contrast Check

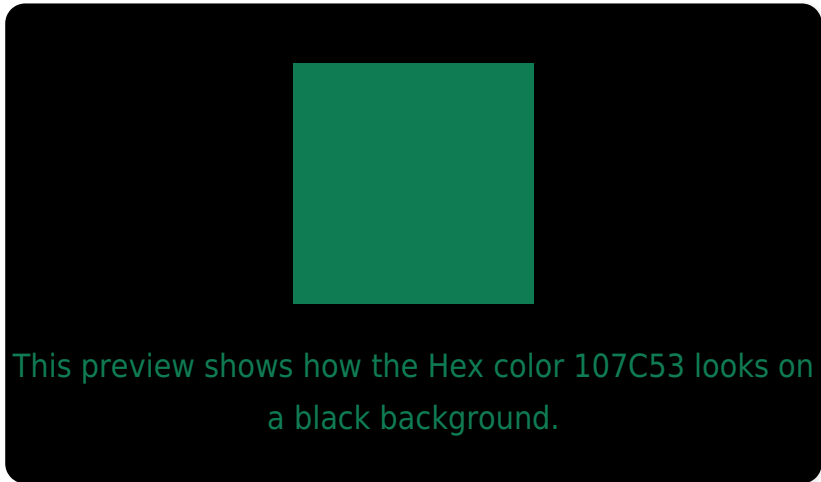
Large Text (above 18pt) WCAG AA ✓ Pass

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 107C53 Background



This preview shows how black text looks on a background with the Hex color 107C53.



This preview shows how white text looks on a background with the Hex color 107C53.

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
107C53

Protanopia
756C4C

Deuteranopia
7D6858



Tritanopia
2D7680

Trichromacy



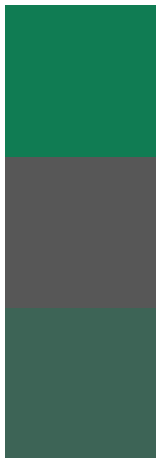
Original Color
107C53

Protanomaly
50724F

Deuteranomaly
556F56

Tritanomaly
227870

Monochromacy



Original Color
107C53

Achromatopsia
575757

Achromatomaly
3D6456

CSS Examples

Text

The CSS property to change the color of the text to Hex 107C53 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 #107C53 looks like.

```
.text, #text, p{  
    color:#107C53  
}
```

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 #107C53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #107C53
}
```

Border

The CSS property to change the border of an element to Hex 107C53 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
#107C53 }
```

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

```
.border{ border-color:#107C53 }
```

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

Here you see how a box with a 4 pixel #107C53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #107C53; -webkit-box-shadow:4px 4px  
4px 4px #107C53; box-shadow:4px 4px 4px  
4px #107C53 }
```

Background

The CSS property to change the background color of an element to Hex 107C53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#107C53 }
```

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

```
.background{ background-color:#107C53 }
```

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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