

# Converting Colors

Hex(1C956C)

Have a look what the booklet for  
Hex(1C956C) contains.

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# Color

Hex(1C956C)

# Conversions

## Conversions Part 1

Format	Color
Hex	1C956C
RGB	28, 149, 108
RGB Percent	11%, 58%, 42%
CMY	0.8902, 0.4157, 0.5765
CMYK	0.81, 0.00, 0.28, 0.42
HSL	160°, 68%, 35%
HSV	160°, 81%, 58%
XYZ	13.9331, 22.8245, 17.8586
YIQ	108.1470, -58.9550, -38.4030

# Conversions

## Conversions Part 2

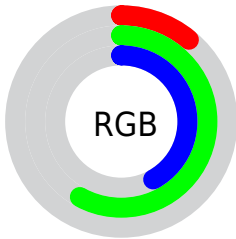
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 101, 149
Decimal	1873260
CIE <sub>Lab</sub>	54.89, -41.93, 12.75
CIE <sub>LCh</sub>	55, 43.823, 163.088
Yxy	22.8245, 0.2551, 0.4179
Android (android.graphics.Color)	4280063340 (0xFF1C956C)
YUV	108.1470, -0.0725, -70.2889
Hunter-Lab	47.7750, -31.5484, 11.2795

# Details

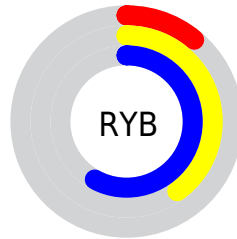
The Hex color **1C956C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **951C45**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5ECCA0**, and **00613C** is the 20% darker color. If you saturate the color by 10%, you get **0D9567**, and if you desaturate by 10%, it is **2B9571**.

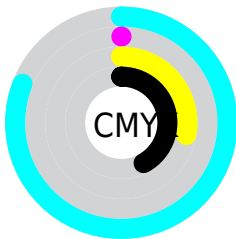
# Distribution



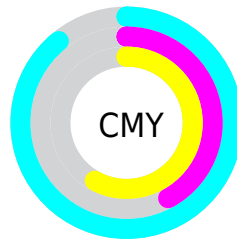
- Red (11%)
- Green (58%)
- Blue (42%)



- Red (11%)
- Yellow (40%)
- Blue (58%)



- Cyan (81%)
- Magenta (0%)
- Yellow (28%)
- Black (42%)



- Cyan (89%)
- Magenta (42%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C956C 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 1C956C by changing the saturation by 10% instead.



 1C956C

 1C956C

FFFFFF

 007B54

 5ECCA0

 00613C

 7BE8BB

 004826

 98FFD6

 003112

 B5FFF3

 001A00

 D2FFFF

 000000

 F0FFFF

 1C956C

 1C956C

 0D9567

 2B9571

■ 009563

■ 3A9576

■ 49957B

■ 589580

■ 679585

■ 75958A

■ 84958F

■ 939594

■ A29599

# Harmonies

## Analogous

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



5F904A



1C956C



009793

# Triad

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



1C956C



6182CD



C36C51

# Complementary

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



1C956C



951C45

# 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.



CA6374



1C956C



9C73BB

# Square

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



1C956C



008DCB



BE669A



AB7A39

# Rectangle

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



1C956C



0095AC



BE669A



C7685C



# Sweetspot

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



1C956C



93C2B2



46951C



456157



E0E0E0



616161



# Same Dimension

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



1C956C



06C282



1C8395



434A47



008A5B



000A07



# Inverse Universe

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



951C45



C20646



952E1C



4A4345



8A002F



0A0003



# Previews

## White Background



This preview shows how the Hex color 1C956C looks on a white background.

## Color Contrast Check

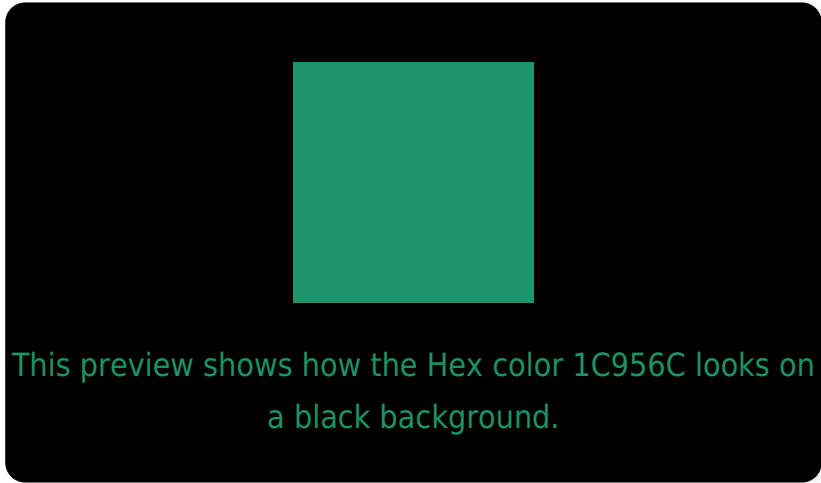
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

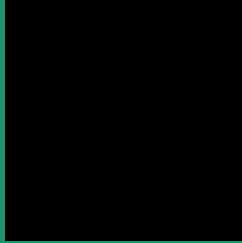
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1C956C Background



This preview shows how black text looks on a background with the Hex color 1C956C.



This preview shows how white text looks on a background with the Hex color 1C956C.

# 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**  
1C956C

**Protanopia**  
8C8263

**Deuteranopia**  
957E71

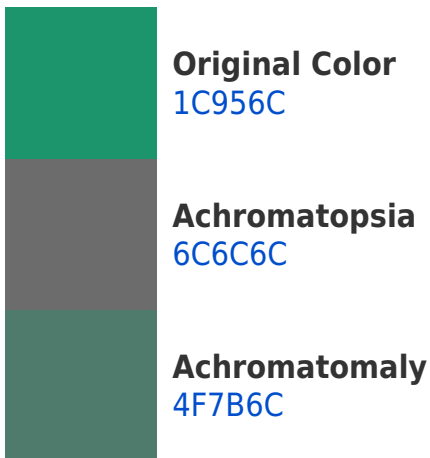


**Tritanopia**  
378F9B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C956C 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 #1C956C looks like.

```
.text, #text, p{  
    color:#1C956C  
}
```

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 #1C956C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C956C  
}
```

## Border

The CSS property to change the border of an element to Hex 1C956C 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  
#1C956C }
```

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

```
.border{ border-color:#1C956C }
```

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

Here you see how a box with a 4 pixel #1C956C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C956C; -webkit-box-shadow:4px 4px  
4px 4px #1C956C; box-shadow:4px 4px 4px  
4px #1C956C }
```

# Background

The CSS property to change the background color of an element to Hex 1C956C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C956C }
```

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

```
.background{ background-color:#1C956C }
```

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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