

# Converting Colors

Hex(13A577)

Have a look what the booklet for  
Hex(13A577) contains.

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# Color

Hex(13A577)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	13A577
RGB	19, 165, 119
RGB Percent	7%, 65%, 47%
CMY	0.9255, 0.3529, 0.5333
CMYK	0.88, 0.00, 0.28, 0.35
HSL	161°, 79%, 36%
HSV	161°, 88%, 65%
XYZ	17.0535, 28.3806, 22.0320
YIQ	116.1020, -72.2500, -45.2580

# Conversions

## Conversions Part 2

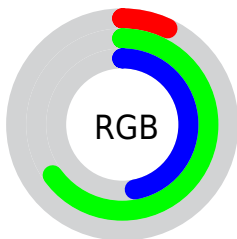
<b>Format</b>	<b>Color</b>
<b>RYB</b>	19, 106, 165
Decimal	1287543
CIELab	60.23, -46.57, 14.02
CIELCh	60, 48.638, 163.251
Yxy	28.3806, 0.2528, 0.4207
Android (android.graphics.Color)	4279477623 (0xFF13A577)
YUV	116.1020, 1.4287, -85.1585
Hunter-Lab	53.2735, -36.0886, 12.7712

# Details

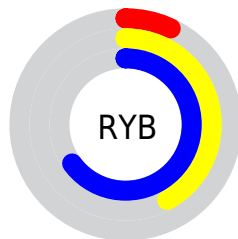
The Hex color **13A577** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A51341**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **5FDDAB**, and **007046** is the 20% darker color. If you saturate the color by 10%, you get **02A572**, and if you desaturate by 10%, it is **24A57C**.

# Distribution



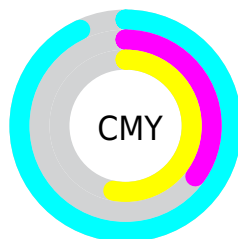
- Red (7%)
- Green (65%)
- Blue (47%)



- Red (7%)
- Yellow (42%)
- Blue (65%)



- Cyan (88%)
- Magenta (0%)
- Yellow (28%)
- Black (35%)



- Cyan (93%)
- Magenta (35%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 13A577 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 13A577 by changing the saturation by 10% instead.



 13A577

 13A577

FFFFFF

 008A5E

 5FDDAB

 007046

 7DFAC7

 005630

 9BFFE3

 003E1B

 B8FFFF

 002901

 D6FFFF

 000200

 F4FFFF

 000000

 13A577

 13A577

 02A572

 24A57C

■ 00A571

■ 34A581

■ 45A587

■ 55A58C

■ 66A591

■ 76A596

■ 86A59B

■ 97A5A1

■ A7A5A6

# Harmonies

## Analogous

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



689F50



13A577



00A7A3

# Triad

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



13A577



698FE5



D87658

# Complementary

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



13A577



A51341

# 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.



E16C80



13A577



AD7ED0

# Square

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



13A577



009DE3



D470AB



BE863D

# Rectangle

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



13A577



00A6BF



D470AB



DD7265



# Sweetspot

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



13A577



9CD6C4



41A513



496B60



EBEBEB



6B6B6B



# Same Dimension

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



13A577



00D693



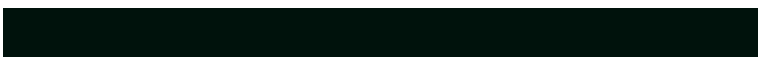
138AA5



49524F



009164



00120C



# Inverse Universe

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



A51341



D60043



A52E13



52494C



91002E



120006



# Previews

## White Background



This preview shows how the Hex color 13A577 looks on a white background.

## Color Contrast Check

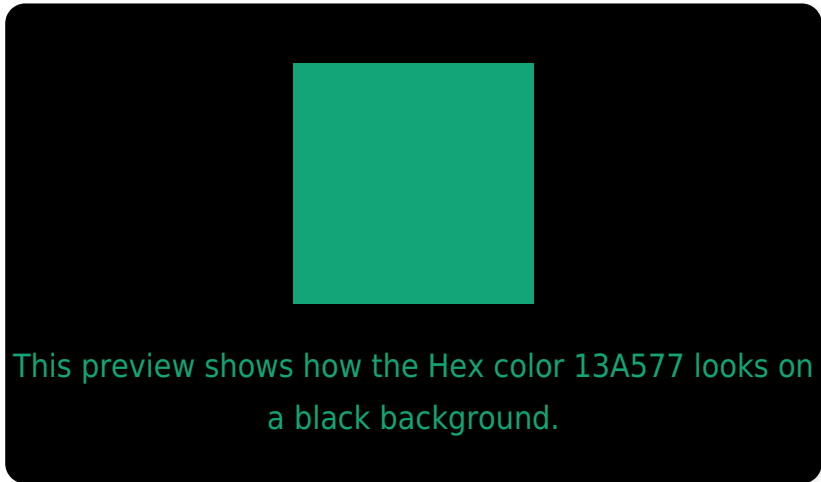
Large Text (above 18pt) WCAG AA ✓ Pass

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

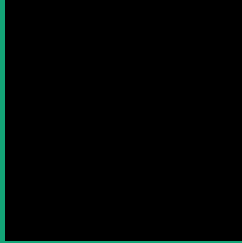
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 13A577 Background



This preview shows how black text looks on a background with the Hex color 13A577.

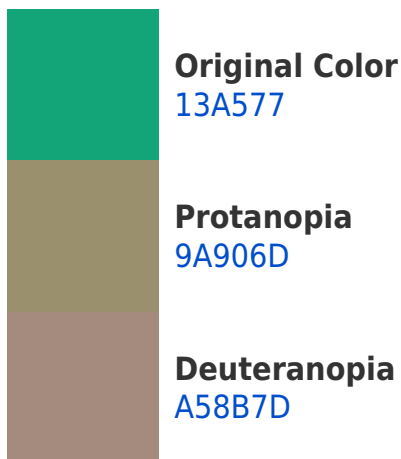


This preview shows how white text looks on a background with the Hex color 13A577.

# 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





**Tritanopia**  
399EAB

# Trichromacy



**Original Color**  
13A577



**Protanomaly**  
699871



**Deuteranomaly**  
70947B



**Tritanomaly**  
2BA198

# Monochromacy



**Original Color**  
13A577



**Achromatopsia**  
747474



**Achromatomaly**  
518675

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 13A577 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 #13A577 looks like.

```
.text, #text, p{  
    color:#13A577  
}
```

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 #13A577 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13A577
}
```

## Border

The CSS property to change the border of an element to Hex 13A577 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
#13A577 }
```

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

```
.border{ border-color:#13A577 }
```

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

Here you see how a box with a 4 pixel #13A577 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13A577; -webkit-box-shadow:4px 4px  
4px 4px #13A577; box-shadow:4px 4px 4px  
4px #13A577 }
```

# Background

The CSS property to change the background color of an element to Hex 13A577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13A577 }
```

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

```
.background{ background-color:#13A577 }
```

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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