

# Converting Colors

Hex(13AC62)

Have a look what the booklet for  
Hex(13AC62) contains.

<b>Hex(13AC62)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(13AC62)

# Conversions

## Conversions Part 1

Format	Color
Hex	13AC62
RGB	19, 172, 98
RGB Percent	7%, 67%, 38%
CMY	0.9255, 0.3255, 0.6157
CMYK	0.89, 0.00, 0.43, 0.33
HSL	151°, 80%, 37%
HSV	151°, 89%, 67%
XYZ	17.2257, 30.5253, 16.5394
YIQ	117.8170, -67.4340, -55.4500

# Conversions

## Conversions Part 2

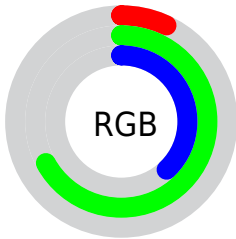
<b>Format</b>	<b>Color</b>
<b>RYB</b>	19, 120, 172
Decimal	1289314
CIELab	62.10, -53.70, 27.95
CIELCh	62, 60.543, 152.505
Yxy	30.5253, 0.2679, 0.4748
Android (android.graphics.Color)	4279479394 (0xFF13AC62)
YUV	117.8170, -9.7698, -86.6625
Hunter-Lab	55.2497, -41.0346, 20.9260

# Details

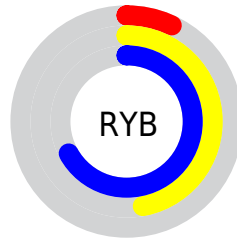
The Hex color **13AC62** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AC135D**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **61E596**, and **007632** is the 20% darker color. If you saturate the color by 10%, you get **02AC5A**, and if you desaturate by 10%, it is **24AC6A**.

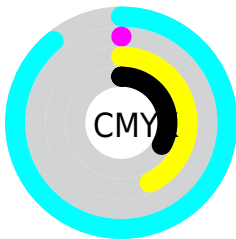
# Distribution



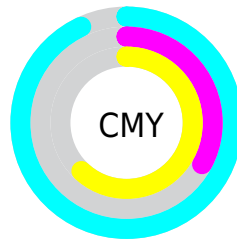
- Red (7%)
- Green (67%)
- Blue (38%)



- Red (7%)
- Yellow (47%)
- Blue (67%)



- Cyan (89%)
- Magenta (0%)
- Yellow (43%)
- Black (33%)



- Cyan (93%)
- Magenta (33%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 13AC62 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 13AC62 by changing the saturation by 10% instead.



 13AC62

 13AC62

FFFFFF

 00914A

 61E596

 007632

 7FFFB0

 005C1B

 9DFFCC

 004303

 BBFFE8

 002D00

 D8FFFF

 000E00

 F7FFFF

 000000

 13AC62

 13AC62

 02AC5A

 24AC6A

■ 00AC59

■ 35AC73

■ 47AC7B

■ 58AC83

■ 69AC8C

■ 7AAC94

■ 8BAC9C

■ 9DACA5

■ AEACAD

# Harmonies

## Analogous

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



77A333



13AC62



00B099

# Triad

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



13AC62



009BFF



F36C5F

# Complementary

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



13AC62



AC135D

# 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.



F66394



13AC62



9D86F1

# Square

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



13AC62



00A8F5



DA6FC9



D88134

# Rectangle

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



13AC62



00B0BE



DA6FC9



F76770



# Sweetspot

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



13AC62



A4E0C3



60AC13



4C705F



F0F0F0



707070



# Same Dimension

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



13AC62



00E074



13ACAC



4E5753



00964E



00170C



# Inverse Universe

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



AC135D



E0006D



AC1313



574E52



960049



17000B



# Previews

## White Background



This preview shows how the Hex color 13AC62 looks on a white background.

## Color Contrast Check

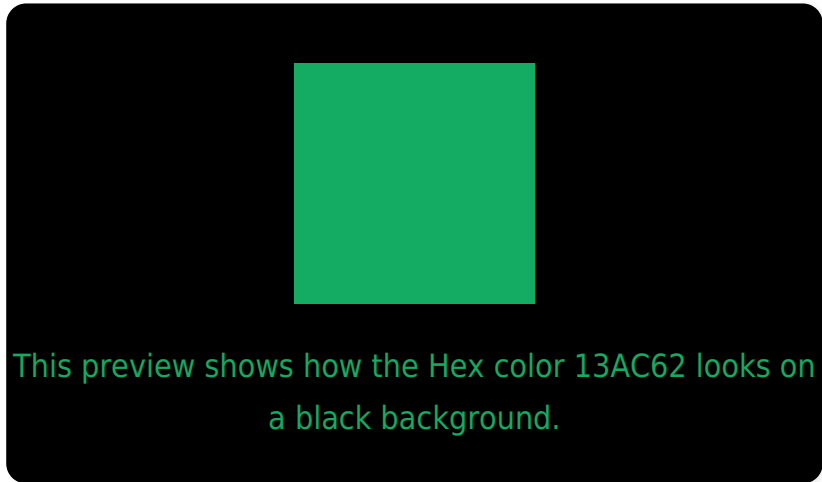
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex 13AC62 Background



This preview shows how black text looks on a background with the Hex color 13AC62.



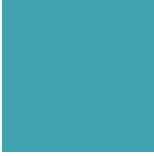
This preview shows how white text looks on a background with the Hex color 13AC62.

# 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](#).

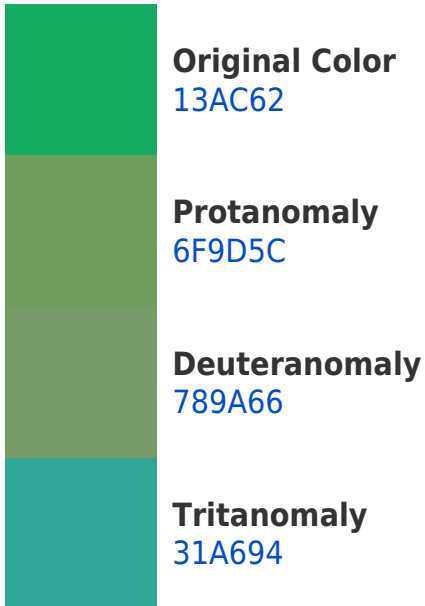
## Dichromacy





**Tritanopia**  
42A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 13AC62 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 #13AC62 looks like.

```
.text, #text, p{  
    color:#13AC62  
}
```

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 #13AC62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13AC62
}
```

## Border

The CSS property to change the border of an element to Hex 13AC62 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
#13AC62 }
```

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

```
.border{ border-color:#13AC62 }
```

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

Here you see how a box with a 4 pixel #13AC62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13AC62; -webkit-box-shadow:4px 4px  
4px 4px #13AC62; box-shadow:4px 4px 4px  
4px #13AC62 }
```

# Background

The CSS property to change the background color of an element to Hex 13AC62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13AC62 }
```

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

```
.background{ background-color:#13AC62 }
```

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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