

Converting Colors

HunterLab(63.4598, -42.5827,
13.3522)

Have a look what the booklet for
HunterLab(63.4598, -42.5827,
13.3522) contains.

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Color

**HunterLab(63.4585,
-42.5683, 13.3292)**

Conversions

Conversions Part 1

Format	Color
Hex	0DC191
RGB	13, 193, 145
RGB Percent	5%, 76%, 57%
CMY	0.9490, 0.2431, 0.4314
CMYK	0.93, 0.00, 0.25, 0.24
HSL	164°, 87%, 40%
HSV	164°, 93%, 76%
XYZ	24.3468, 40.2698, 33.2777
YIQ	133.7080, -91.8720, -53.0880

Conversions

Conversions Part 2

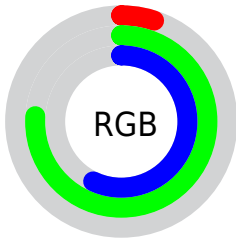
Format	Color
RYB	13, 117, 193
Decimal	901521
CIELab	69.66, -51.69, 12.97
CIELCh	70, 53.289, 165.909
Yxy	40.2714, 0.2487, 0.4114
Android (android.graphics.Color)	4279091601 (0xFF0DC191)
YUV	133.7080, 5.5670, -105.8609
Hunter-Lab	63.4585, -42.5683, 13.3292

Details

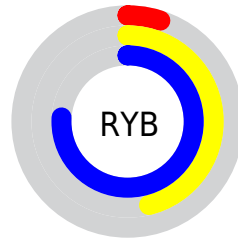
The HunterLab color **63.4585, -42.5683, 13.3292** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **34.5880, 58.0655, 14.7571**, and the grayscale version is **48.7180, -2.5995, 2.6469**.

A 20% lighter version of the original color is **86.7533, -49.2260, 15.6675**, and **43.5719, -30.7414, 11.9008** is the 20% darker color. If you saturate the color by 10%, you get **63.3089, -43.3539, 14.4579**, and if you desaturate by 10%, it is **63.7654, -41.0654, 11.6855**.

Distribution



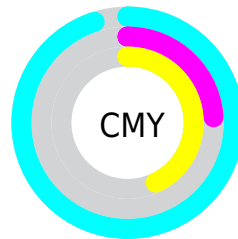
- Red (5%)
- Green (76%)
- Blue (57%)



- Red (5%)
- Yellow (46%)
- Blue (76%)



- Cyan (93%)
- Magenta (0%)
- Yellow (25%)
- Black (24%)





- Cyan (95%)
- Magenta (24%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.4585, -42.5683, 13.3292 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 HunterLab color 63.4585, -42.5683, 13.3292 by changing the saturation by 10% instead.


 63.4585, -42.5683,
13.3292


 63.4585, -42.5683,
13.3292


186.3508,
-70.3792, 24.9508


 52.6785, -38.9272,
12.0382


 86.9348, -49.3746,
15.8888


 42.5881, -35.0704,
10.7285


 99.5638, -52.5961,
17.1660


 33.2396, -30.9337,
9.3885


 112.7512,
-55.7237, 18.4460

 24.6974, -26.4195,
7.9990

 126.4743,
-58.7721, 19.7310

 17.0462, -21.3783,
6.5273

 140.7130,
-61.7531, 21.0228

 10.4054, -18.2094,
5.8156

155.4492,

0.0000, NaN, NaN

-64.6762, 22.3227

0.0000, NaN, NaN

170.6667,
-67.5494, 23.6318

0.0000, NaN, NaN

■ 63.4585, -42.5683,
13.3292

■ 63.4585, -42.5683,
13.3292

■ 63.3089, -43.3539,
14.4579

■ 63.7654, -41.0654,
11.6855

■ 64.2167, -38.9726,
10.1359

■ 64.8316, -36.2333,
8.7133

■ 65.6233, -32.8201,
7.4450

■ 66.6002, -28.7288,
6.3529

■ 67.7675, -23.9754,
5.4542

■ 69.1273, -18.5919,
4.7604

■ 70.6791, -12.6224,
4.2781

■ 72.4202, -6.1193,
4.0094

Harmonies

Analogous

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



63.4597, -33.5198, 27.2111



63.4585, -42.5683, 13.3292



63.4597, -42.2852, -9.9427

Triad

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



63.4597, -42.5687, 13.3298



63.4597, 9.9005, -55.7003



63.4597, 32.4118, 27.7631

Complementary

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



63.4585, -42.5683, 13.3292



34.5880, 58.0655, 14.7571

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.



63.4597, 47.9507, 14.4469



63.4585, -42.5683, 13.3292



63.4597, 33.6820, -35.7945

Square

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



63.4597, -42.5687, 13.3298



63.4597, -14.3445, -56.3625



63.4597, 48.4476, -8.3179



63.4597, 8.3631, 33.1685

Rectangle

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



63.4585, -42.5683, 13.3292



63.4597, -36.9042, -28.4453



63.4597, 48.4476, -8.3179



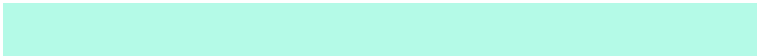
63.4597, 38.9522, 24.3467

Sweetspot

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



63.4597, -42.5687, 13.3298



91.5351, -28.7170, 6.8169



62.6585, -49.0913, 37.3896



42.0425, -14.7144, 3.3579



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



63.4597, -42.5687, 13.3298



84.6986, -58.1741, 19.7154



52.0090, -17.7443, -25.7802



33.7359, -4.8032, 1.9619



51.6439, -35.2747, 11.5976



10.7856, -7.0230, 1.6796

Inverse Universe

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



34.5880, 58.0655, 14.7571



45.5044, 78.8090, 22.5725



37.1809, 46.7667, 23.1213



31.8136, 1.4503, 1.6872



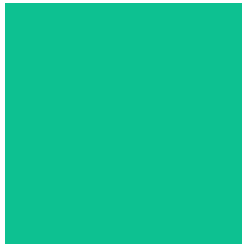
27.7741, 48.1879, 13.1109



5.8753, 10.3913, 1.2403

Previews

White Background



This preview shows how the HunterLab color 63.4585, -42.5683, 13.3292 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



This preview shows how the HunterLab color 63.4585, -42.5683, 13.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

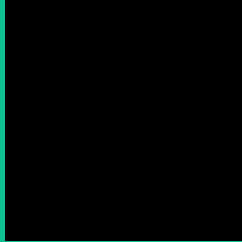
Any Text WCAG AA ✓ Pass

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](#).

HunterLab 63.4585, -42.5683, 13.3292 Background



This preview shows how black text looks on a background with the HunterLab color 63.4585, -42.5683, 13.3292.



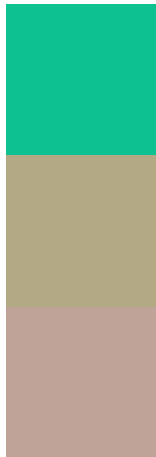
This preview shows how white text looks on a background with the HunterLab color 63.4585, -42.5683, 13.3292.

-42.5683, 13.3292.

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

63.4585, -42.5683, 13.3292

Protanopia

63.0656, -4.9499, 17.9122

Deuteranopia

62.8791, 4.2242, 10.8095



Tritanopia

63.5544, -26.5364, -12.8532

Trichromacy



Original Color

63.4585, -42.5683, 13.3292



Protanomaly

61.2935, -25.5947, 14.4273



Deuteranomaly

60.7270, -20.5449, 9.2991



Tritanomaly

63.4738, -33.4060, -2.3071

Monochromacy



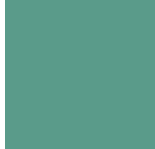
Original Color

63.4585, -42.5683, 13.3292



Achromatopsia

48.8260, -2.6052, 2.6528



Achromatomaly

52.3940, -21.7625, 4.6945

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.4585, -42.5683, 13.3292 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 `rgb(13, 193, 145)` looks like.

```
.text, #text, p{  
    color:rgb(13, 193, 145)  
}
```

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 rgb(13, 193, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 193, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 63.4585, -42.5683, 13.3292 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 rgb(13, 193, 145) }
```


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

```
.border{ border-color:rgb(13, 193, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 193, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 193, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 193, 145);  
box-shadow:4px 4px 4px 4px rgb(13, 193,  
145) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.4585, -42.5683, 13.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 193, 145) }
```

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

```
.background{ background-color: rgb(13, 193,  
145) }
```

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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