

Converting Colors

HunterLab(63.5262, -43.1107,
21.5465)

Have a look what the booklet for
HunterLab(63.5262, -43.1107,
21.5465) contains.

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Color

**HunterLab(63.5767,
-43.1290, 21.5511)**

Conversions

Conversions Part 1

Format	Color
Hex	3AC179
RGB	58, 193, 121
RGB Percent	23%, 76%, 47%
CMY	0.7725, 0.2431, 0.5255
CMYK	0.70, 0.00, 0.37, 0.24
HSL	148°, 54%, 49%
HSV	148°, 70%, 76%
XYZ	24.2661, 40.4200, 24.6121
YIQ	144.4270, -57.3480, -51.0120

Conversions

Conversions Part 2

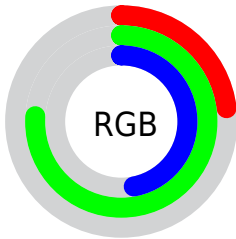
Format	Color
RYB	58, 150, 193
Decimal	3850617
CIELab	69.77, -52.50, 26.04
CIELCh	70, 58.601, 153.613
Yxy	40.4216, 0.2717, 0.4526
Android (android.graphics.Color)	4282040697 (0xFF3AC179)
YUV	144.4270, -11.5495, -75.7965
Hunter-Lab	63.5767, -43.1290, 21.5511

Details

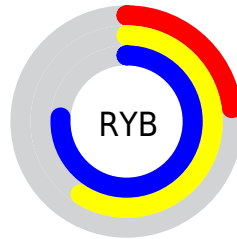
The HunterLab color **63.5767, -43.1290, 21.5511** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **39.9701, 53.0232, -5.7715**, and the grayscale version is **53.0443, -2.8303, 2.8820**.

A 20% lighter version of the original color is **86.9280, -49.7575, 25.3809**, and **43.1797, -33.1582, 17.6083** is the 20% darker color. If you saturate the color by 10%, you get **63.0145, -45.8336, 23.9558**, and if you desaturate by 10%, it is **64.3262, -39.6665, 19.0544**.

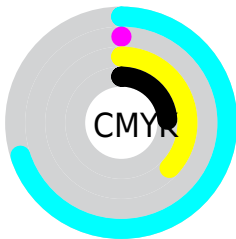
Distribution



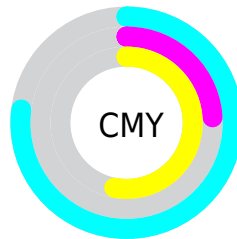
- Red (23%)
- Green (76%)
- Blue (47%)



- Red (23%)
- Yellow (59%)
- Blue (76%)



- Cyan (70%)
- Magenta (0%)
- Yellow (37%)
- Black (24%)



- Cyan (77%)
- Magenta (24%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.5767, -43.1290, 21.5511 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 63.5767, -43.1290, 21.5511 by changing the saturation by 10% instead.

■ 63.5767, -43.1290,
21.5511

■ 63.5767, -43.1290,
21.5511

186.5201,
-71.2891, 38.6058

■ 52.7896, -39.4377,
19.4626

■ 87.0661, -50.0270,
25.5457

■ 42.6916, -35.5264,
17.2861

■ 99.7011, -53.2905,
27.4773

■ 33.3349, -31.3302,
14.9925

■ 112.8944,
-56.4579, 29.3778

■ 24.7837, -26.7504,
12.5375

■ 126.6231,
-59.5444, 31.2538

■ 17.1226, -21.6389,
10.0394

■ 140.8671,
-62.5618, 33.1107

■ 10.4702, -18.3228,
7.3291

155.6086,

0.0000, NaN, NaN

-65.5199, 34.9528

0.0000, NaN, NaN

170.8312,
-68.4268, 36.7835

0.0000, NaN, NaN

■ 63.5767, -43.1290,
21.5511

■ 63.5767, -43.1290,
21.5511

■ 63.0145, -45.8336,
23.9558

■ 64.3262, -39.6665,
19.0544

■ 62.6196, -47.8199,
26.2333

■ 65.2700, -35.4331,
16.4988

■ 62.3557, -49.2292,
28.3384

■ 66.4161, -30.4446,
13.9186

■ 62.3545, -49.2360,
28.3488

■ 67.7674, -24.7365,
11.3465

■ 69.3237, -18.3600,
8.8119

■ 71.0822, -11.3771,
6.3410

■ 73.0380, -3.8557,
3.9554

■ 75.1847, 4.1346,
1.6722

■ 77.5145, 12.5259,
-0.4959

Harmonies

Analogous

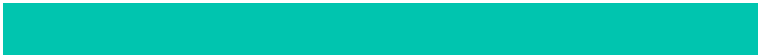
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.5780, -29.3723, 32.1613



63.5767, -43.1290, 21.5511



63.5780, -46.9165, 0.3085

Triad

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



63.5780, -43.1297, 21.5516



63.5780, -0.1311, -67.0356



63.5780, 45.2090, 24.9801

Complementary

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



63.5767, -43.1290, 21.5511



39.9701, 53.0232, -5.7715

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.



63.5780, 56.3219, 6.4594



63.5767, -43.1290, 21.5511



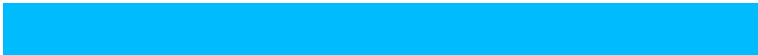
63.5780, 27.5641, -52.0613

Square

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



63.5780, -43.1297, 21.5516



63.5780, -24.6243, -57.6033



63.5780, 49.3876, -22.2689



63.5780, 21.0448, 33.4907

Rectangle

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



63.5767, -43.1290, 21.5511



63.5780, -43.8994, -19.3508



63.5780, 49.3876, -22.2689



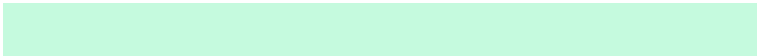
63.5780, 50.7603, 20.0674

Sweetspot

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



63.5780, -43.1297, 21.5516



92.4692, -25.7996, 12.2569



65.8581, -35.5943, 36.3543



42.5535, -13.0739, 6.1122



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.



63.5780, -43.1297, 21.5516



84.0198, -62.8782, 33.7193



65.2664, -32.9728, -2.6894



33.6679, -5.1820, 2.9326



50.8676, -40.0567, 22.8908



10.6391, -7.9202, 3.7996

Inverse Universe

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



39.9701, 53.0232, -5.7715



49.0786, 80.7223, -4.2003



38.3967, 46.4855, 16.8093



31.8837, 1.8269, 0.6884



28.6487, 51.3891, 0.4715



6.0700, 11.0974, -1.5221

Previews

White Background



This preview shows how the HunterLab color 63.5767, -43.1290, 21.5511 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 63.5767, -43.1290, 21.5511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

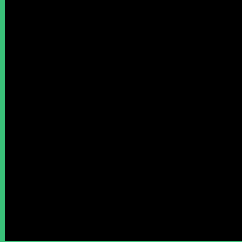
Any Text WCAG AA ✓ Pass

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 63.5767, -43.1290, 21.5511 Background



This preview shows how black text looks on a background with the HunterLab color 63.5767, -43.1290, 21.5511.



This preview shows how white text looks on a background with the HunterLab color 63.5767,

-43.1290, 21.5511.

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

63.5767, -43.1290, 21.5511

Protanopia

63.0190, -5.9791, 24.5783

Deuteranopia

62.8819, 4.5527, 19.5717



Tritanopia

63.5487, -23.3938, -11.0968

Trichromacy



Original Color

63.5767, -43.1290, 21.5511



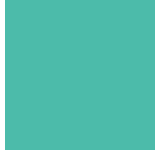
Protanomaly

62.0338, -23.6849, 22.3080



Deuteranomaly

61.3708, -17.6468, 18.7632



Tritanomaly

63.2293, -31.5872, 2.7477

Monochromacy



Original Color

63.5767, -43.1290, 21.5511



Achromatopsia

52.8104, -2.8178, 2.8693



Achromatomaly

55.7933, -20.2972, 9.2719

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.5767, -43.1290, 21.5511 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(58, 193, 121)` looks like.

```
.text, #text, p{  
    color:rgb(58, 193, 121)  
}
```

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(58, 193, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 193, 121) }
```

Border

The CSS property to change the border of an element to HunterLab 63.5767, -43.1290, 21.5511 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(58, 193, 121) }
```


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

```
.border{ border-color:rgb(58, 193, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 193, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 193, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 193, 121);  
box-shadow:4px 4px 4px 4px rgb(58, 193,  
121) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.5767, -43.1290, 21.5511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 193, 121) }
```

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

```
.background{ background-color: rgb(58, 193,  
121) }
```

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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