

Converting Colors

HunterLab(63.5418, -44.0202,
23.1998)

Have a look what the booklet for
HunterLab(63.5418, -44.0202,
23.1998) contains.

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Color

**HunterLab(63.4410,
-43.9113, 23.1649)**

Conversions

Conversions Part 1

Format	Color
Hex	39C173
RGB	57, 193, 115
RGB Percent	22%, 76%, 45%
CMY	0.7765, 0.2431, 0.5490
CMYK	0.70, 0.00, 0.40, 0.24
HSL	146°, 54%, 49%
HSV	146°, 70%, 76%
XYZ	23.8518, 40.2476, 22.7311
YIQ	143.4440, -56.0180, -53.0900

Conversions

Conversions Part 2

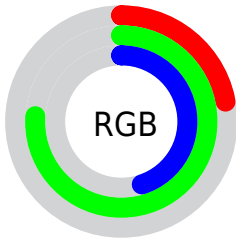
Format	Color
RYB	57, 152, 193
Decimal	3785075
CIELab	69.65, -53.78, 29.02
CIELCh	70, 61.114, 151.650
Yxy	40.2492, 0.2747, 0.4635
Android (android.graphics.Color)	4281975155 (0xFF39C173)
YUV	143.4440, -14.0229, -75.8114
Hunter-Lab	63.4410, -43.9113, 23.1649

Details

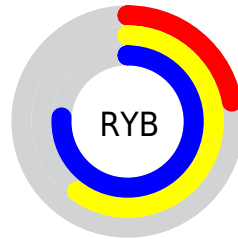
The HunterLab color **63.4410, -43.9113, 23.1649** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **40.0173, 54.1071, -8.3575**, and the grayscale version is **52.6593, -2.8098, 2.8611**.

A 20% lighter version of the original color is **86.7544, -50.7159, 27.2519**, and **43.0933, -33.6939, 18.8725** is the 20% darker color. If you saturate the color by 10%, you get **62.8856, -46.5971, 25.6030**, and if you desaturate by 10%, it is **64.1861, -40.4490, 20.5877**.

Distribution



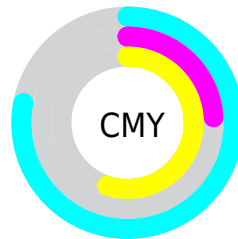
- Red (22%)
- Green (76%)
- Blue (45%)



- Red (22%)
- Yellow (60%)
- Blue (76%)



- Cyan (70%)
- Magenta (0%)
- Yellow (40%)
- Black (24%)





- Cyan (78%)
- Magenta (24%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.4410, -43.9113, 23.1649 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 63.4410, -43.9113, 23.1649 by changing the saturation by 10% instead.


 63.4410, -43.9113,
23.1649


 63.4410, -43.9113,
23.1649


186.3258,
-72.6504, 41.5140


 52.6621, -40.1337,
20.8849


 86.9154, -50.9636,
27.5034


 42.5728, -36.1282,
18.5004


 99.5435, -54.2970,
29.5914

 33.2255, -31.8276,
15.9784


 112.7300,
-57.5306, 31.6399

 24.6846, -27.1301,
13.2705

 126.4523,
-60.6799, 33.6566

 17.0350, -21.9072,
10.7434

 140.6902,
-63.7573, 35.6477

 10.3958, -18.1927,
7.2771

155.4257,

0.0000, NaN, NaN

-66.7728, 37.6184

0.0000, NaN, NaN

170.6425,
-69.7349, 39.5727

0.0000, NaN, NaN

■ 63.4410, -43.9113,
23.1649

■ 63.4410, -43.9113,
23.1649

■ 62.8856, -46.5971,
25.6030

■ 64.1861, -40.4490,
20.5877

■ 62.4995, -48.5479,
27.8679

■ 65.1283, -36.1964,
17.9044

■ 62.2538, -49.8621,
29.8261

■ 66.2756, -31.1695,
15.1509

■ 67.6310, -25.4047,
12.3618

■ 69.1943, -18.9551,
9.5700

70.9626, -11.8846,
6.8049

72.9309, -4.2634,
4.0923

75.0924, 3.8368,
1.4530

77.4394, 12.3457,
-1.0964

Harmonies

Analogous

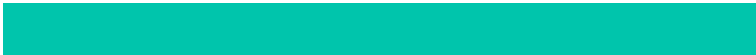
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.4423, -29.0726, 33.2814



63.4410, -43.9113, 23.1649



63.4423, -48.4678, 1.9712

Triad

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



63.4423, -43.9120, 23.1654



63.4423, -1.8415, -71.3041



63.4423, 48.8304, 24.7614

Complementary

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



63.4410, -43.9113, 23.1649



40.0173, 54.1071, -8.3575

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.



63.4423, 59.3748, 4.9006



63.4410, -43.9113, 23.1649



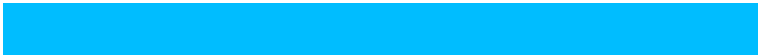
63.4423, 27.1688, -56.8758

Square

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



63.4423, -43.9120, 23.1654



63.4423, -26.8288, -59.5779



63.4423, 50.8430, -25.7494



63.4423, 24.0425, 33.8845

Rectangle

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



63.4410, -43.9113, 23.1649



63.4423, -45.8203, -18.3183



63.4423, 50.8430, -25.7494



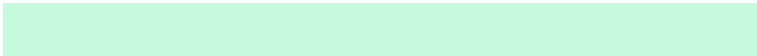
63.4423, 54.3329, 19.4956

Sweetspot

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



63.4423, -43.9120, 23.1654



92.4084, -26.1464, 13.1289



66.1055, -34.6307, 36.6555



42.5222, -13.2534, 6.5618



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.



63.4423, -43.9120, 23.1654



83.8283, -64.0039, 36.0723



65.0962, -33.9378, -0.6281



33.6579, -5.2381, 3.0764



50.7850, -40.5702, 24.1026



10.6214, -8.0296, 4.0577

Inverse Universe

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



40.0173, 54.1071, -8.3575



49.1662, 82.2367, -7.9911



38.3222, 47.1012, 15.8940



31.8944, 1.8847, 0.5353



28.8373, 52.0726, -2.2020



6.1063, 11.2280, -2.0283

Previews

White Background



This preview shows how the HunterLab color 63.4410, -43.9113, 23.1649 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 63.4410, -43.9113, 23.1649 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 63.4410, -43.9113, 23.1649 Background



This preview shows how black text looks on a background with the HunterLab color 63.4410, -43.9113, 23.1649.



This preview shows how white text looks on a background with the HunterLab color 63.4410, -43.9113, 23.1649.

-43.9113, 23.1649.

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

63.4410, -43.9113, 23.1649

Protanopia

62.9176, -6.5396, 26.0610

Deuteranopia

62.8690, 4.2658, 21.4501



Tritanopia

63.2605, -22.8080, -11.4913

Trichromacy



Original Color

63.4410, -43.9113, 23.1649



Protanomaly

61.9259, -24.3117, 23.8807



Deuteranomaly

61.2494, -18.3406, 20.5261



Tritanomaly

63.2025, -31.8112, 3.6357

Monochromacy



Original Color

63.4410, -43.9113, 23.1649



Achromatopsia

52.4097, -2.7964, 2.8475



Achromatomaly

55.3425, -20.5352, 9.9692

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.4410, -43.9113, 23.1649 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(57, 193, 115)` looks like.

```
.text, #text, p{  
    color:rgb(57, 193, 115)  
}
```

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(57, 193, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 193, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 63.4410, -43.9113, 23.1649 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(57, 193, 115) }
```


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

```
.border{ border-color:rgb(57, 193, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 193, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 193, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 193, 115);  
box-shadow:4px 4px 4px 4px rgb(57, 193,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.4410, -43.9113, 23.1649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 193, 115) }
```

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

```
.background{ background-color: rgb(57, 193,  
115) }
```

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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