

Converting Colors

HunterLab(66.5598, -43.4546,
18.0150)

Have a look what the booklet for
HunterLab(66.5598, -43.4546,
18.0150) contains.

HunterLab(66.3866, -43.3769, 17.9891)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(66.3866,
-43.3769, 17.9891)**

Conversions

Conversions Part 1

Format	Color
Hex	39C88C
RGB	57, 200, 140
RGB Percent	22%, 78%, 55%
CMY	0.7765, 0.2157, 0.4510
CMYK	0.71, 0.00, 0.30, 0.22
HSL	155°, 57%, 50%
HSV	155°, 71%, 78%
XYZ	27.0752, 44.0718, 31.8906
YIQ	150.4030, -65.9680, -48.9760

Conversions

Conversions Part 2

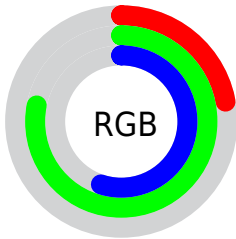
Format	Color
RYB	57, 147, 200
Decimal	3786892
CIELab	72.28, -51.51, 19.38
CIELCh	72, 55.039, 159.382
Yxy	44.0736, 0.2628, 0.4277
Android (android.graphics.Color)	4281976972 (0xFF39C88C)
YUV	150.4030, -5.1287, -81.9144
Hunter-Lab	66.3866, -43.3769, 17.9891

Details

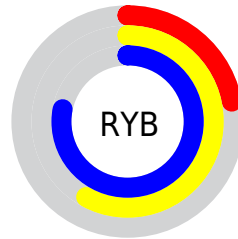
The HunterLab color **66.3866, -43.3769, 17.9891** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **40.6090, 54.1853, 1.3977**, and the grayscale version is **55.4291, -2.9576, 3.0116**.

A 20% lighter version of the original color is **89.1923, -48.9699, 20.1748**, and **45.8137, -33.5330, 15.1250** is the 20% darker color. If you saturate the color by 10%, you get **65.8474, -45.9545, 20.2403**, and if you desaturate by 10%, it is **67.1108, -40.0644, 15.7554**.

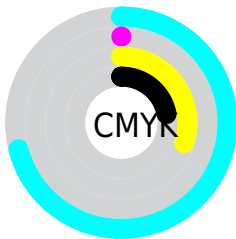
Distribution



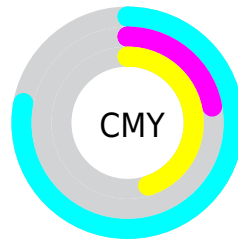
- Red (22%)
- Green (78%)
- Blue (55%)



- Red (22%)
- Yellow (58%)
- Blue (78%)



- Cyan (71%)
- Magenta (0%)
- Yellow (30%)
- Black (22%)



- Cyan (78%)
- Magenta (22%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.3866, -43.3769, 17.9891 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 66.3866, -43.3769, 17.9891 by changing the saturation by 10% instead.

■ 66.3866, -43.3769,
17.9891

■ 66.3866, -43.3769,
17.9891

190.5278,
-70.9241, 32.2014

■ 55.4332, -39.7951,
16.3265

■ 90.1823, -50.0935,
21.2239

■ 45.1576, -36.0118,
14.6163

■ 102.9596,
-53.2798, 22.8115

■ 35.6095, -31.9690,
12.8400

■ 116.2892,
-56.3769, 24.3870

■ 26.8492, -27.5800,
10.9687

■ 130.1490,
-59.3985, 25.9546

■ 18.9553, -22.7089,
8.9566

■ 144.5195,
-62.3557, 27.5175

■ 12.0359, -20.5533,
7.8096

159.3831,

■ 5.0214, -8.7875,

-65.2576, 29.0783

3.5150

174.7240,
-68.1116, 30.6390

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.3866, -43.3769,
17.9891

■ 66.3866, -43.3769,
17.9891

■ 65.8474, -45.9545,
20.2403

■ 67.1108, -40.0644,
15.7554

■ 65.4712, -47.8461,
22.4709

■ 68.0285, -35.9960,
13.5713


■ 65.2480, -49.0403,
24.3096


■ 69.1487, -31.1789,
11.4684


■ 70.4756, -25.6413,
9.4739


■ 72.0101, -19.4278,

7.6108

 73.7503, -12.5949,
5.8974

 75.6921, -5.2062,
4.3469

 77.8296, 2.6714,
2.9680

 80.1557, 10.9714,
1.7649

Harmonies

Analogous

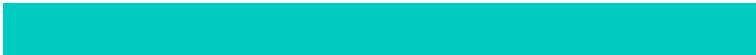
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.3879, -31.7979, 30.4419



66.3866, -43.3769, 17.9891



66.3879, -45.2134, -4.4211

Triad

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



66.3879, -43.3775, 17.9897



66.3879, 4.6110, -60.5713



66.3879, 38.6130, 26.8628

Complementary

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



66.3866, -43.3769, 17.9891



40.6090, 54.1853, 1.3977

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.



66.3879, 51.8854, 10.7549



66.3866, -43.3769, 17.9891



66.3879, 30.3984, -43.3037

Square

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



66.3879, -43.3775, 17.9897



66.3879, -19.8951, -56.2924



66.3879, 48.6720, -14.9320



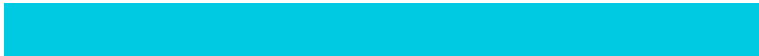
66.3879, 14.5567, 34.0633

Rectangle

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



66.3866, -43.3769, 17.9891



66.3879, -40.9923, -23.4843



66.3879, 48.6720, -14.9320



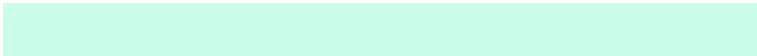
66.3879, 44.6365, 22.6173

Sweetspot

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



66.3879, -43.3775, 17.9897



94.7926, -25.3929, 9.9677



67.4725, -41.3638, 37.4502



43.5804, -12.8490, 4.9199

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.3879, -43.3775, 17.9897



86.3327, -61.9975, 28.3214



64.8622, -29.2192, -10.4948



34.6257, -5.1709, 2.5940



52.0448, -38.9956, 19.1287



11.3876, -8.0998, 3.2517

Inverse Universe

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



40.6090, 54.1853, 1.3977



49.0456, 80.6376, 7.0636



40.6629, 45.3378, 20.2052



32.7254, 1.7227, 1.1467



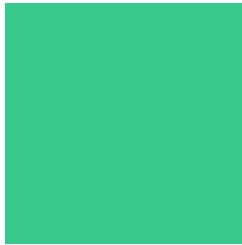
28.6895, 50.6067, 7.1037



6.3571, 11.4283, -0.0906

Previews

White Background



This preview shows how the HunterLab color 66.3866, -43.3769, 17.9891 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 66.3866, -43.3769, 17.9891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

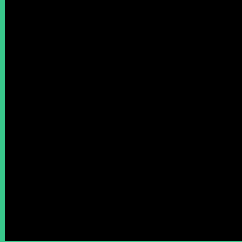
Any Text WCAG AA ✓ Pass

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 66.3866, -43.3769, 17.9891 Background



This preview shows how black text looks on a background with the HunterLab color 66.3866, -43.3769, 17.9891.



This preview shows how white text looks on a background with the HunterLab color 66.3866,

-43.3769, 17.9891.

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

66.3866, -43.3769, 17.9891

Protanopia

65.9200, -5.7633, 21.8387

Deuteranopia

65.7108, 4.7555, 15.6674



Tritanopia

66.1400, -24.7111, -12.5951

Trichromacy



Original Color

66.3866, -43.3769, 17.9891



Protanomaly

64.8491, -23.8436, 19.2543



Deuteranomaly

64.1406, -17.8123, 14.8211



Tritanomaly

65.9533, -32.2197, -0.1976

Monochromacy



Original Color

66.3866, -43.3769, 17.9891



Achromatopsia

55.2257, -2.9467, 3.0005



Achromatomaly

58.1323, -20.6883, 7.7229

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.3866, -43.3769, 17.9891 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, 200, 140)` looks like.

```
.text, #text, p{  
    color:rgb(57, 200, 140)  
}
```

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, 200, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 200, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 66.3866, -43.3769, 17.9891 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, 200, 140) }
```


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

```
.border{ border-color:rgb(57, 200, 140) }
```

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

Here you see how a box with a 4 pixel rgb(57, 200, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 200, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 200, 140);  
box-shadow:4px 4px 4px 4px rgb(57, 200,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.3866, -43.3769, 17.9891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 200, 140) }
```

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

```
.background{ background-color: rgb(57, 200,  
140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor