

Converting Colors

HunterLab(66.0750, -39.8746,
12.2034)

Have a look what the booklet for
HunterLab(66.0750, -39.8746,
12.2034) contains.

HunterLab(66.1656, -39.9901, 12.2829)	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(66.1656,
-39.9901, 12.2829)**

Conversions

Conversions Part 1

Format	Color
Hex	3EC69B
RGB	62, 198, 155
RGB Percent	24%, 78%, 61%
CMY	0.7568, 0.2235, 0.3921
CMYK	0.69, 0.00, 0.22, 0.22
HSL	161°, 54%, 51%
HSV	161°, 69%, 78%
XYZ	28.0971, 43.7789, 37.9797
YIQ	152.4340, -67.2530, -42.2050

Conversions

Conversions Part 2

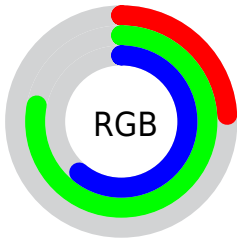
Format	Color
R _{YB}	62, 143, 198
Decimal	4114075
CIE Lab	72.08, -46.58, 11.08
CIE LCh	72, 47.880, 166.623
Yxy	43.7806, 0.2558, 0.3985
Android (android.graphics.Color)	4282304155 (0xFF3EC69B)
YUV	152.4340, 1.2650, -79.3106
Hunter-Lab	66.1656, -39.9901, 12.2829

Details

The HunterLab color **66.1656, -39.9901, 12.2829** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **40.5858, 50.1978, 6.3613**, and the grayscale version is **56.2266, -3.0001, 3.0549**.

A 20% lighter version of the original color is **89.7547, -45.9535, 14.6548**, and **45.4361, -31.1084, 10.3629** is the 20% darker color. If you saturate the color by 10%, you get **65.6109, -42.5543, 14.0875**, and if you desaturate by 10%, it is **66.9009, -36.7291, 10.5910**.

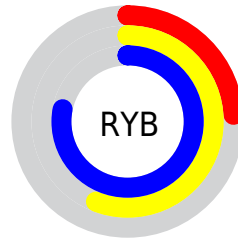
Distribution



Red (24%)

Green (78%)

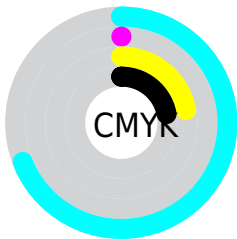
Blue (61%)



Red (24%)

Yellow (56%)

Blue (78%)

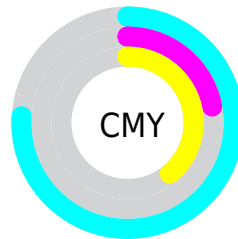


Cyan (69%)

Magenta (0%)

Yellow (22%)

Black (22%)



Cyan (76%)

Magenta (22%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.1656, -39.9901, 12.2829 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 66.1656, -39.9901, 12.2829 by changing the saturation by 10% instead.

■ 66.1656, -39.9901,
12.2829

■ 66.1656, -39.9901,
12.2829

190.2136,
-65.4171, 23.1708

■ 55.2250, -36.7163,
11.1023

■ 89.9375, -46.1497,
14.6463

■ 44.9632, -33.2666,
9.9141

■ 102.7038,
-49.0812, 15.8348

■ 35.4300, -29.5891,
8.7101

■ 116.0227,
-51.9362, 17.0309

■ 26.6859, -25.6057,
7.4769

■ 129.8724,
-54.7269, 18.2364

■ 18.8099, -21.1924,
6.1913

■ 144.2330,
-57.4630, 19.4523

■ 11.9109, -18.8337,
4.9435

159.0871,

■ 4.8005, -8.4008,

-60.1526, 20.6796

3.3603

174.4188,
-62.8021, 21.9189

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.1656, -39.9901,
12.2829

■ 66.1656, -39.9901,
12.2829

■ 65.6109, -42.5543,
14.0875

■ 66.9009, -36.7291,
10.5910

■ 65.2168, -44.4630,
15.9701

■ 67.8240, -32.7546,
9.0381

■ 64.9541, -45.8274,
17.8859


■ 68.9432, -28.0752,
7.6483


■ 64.9231, -45.9912,
18.1335


■ 70.2621, -22.7181,
6.4403


■ 71.7813, -16.7251,

5.4274

 73.4990, -10.1488,
4.6180

 75.4111, -3.0482,
4.0156

 77.5119, 4.5150,
3.6196

 79.7947, 12.4795,
3.4259

Harmonies

Analogous

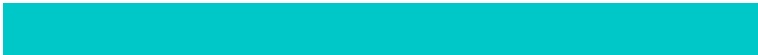
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.1669, -31.6609, 25.7746



66.1656, -39.9901, 12.2829



66.1669, -39.5104, -9.0299

Triad

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



66.1669, -39.9906, 12.2836



66.1669, 9.0594, -47.9843



66.1669, 28.2341, 26.7520

Complementary

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



66.1656, -39.9901, 12.2829



40.5858, 50.1978, 6.3613

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.



66.1669, 42.2777, 14.1483



66.1656, -39.9901, 12.2829



66.1669, 30.2521, -30.5877

Square

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



66.1669, -39.9906, 12.2836



66.1669, -13.0761, -48.9921



66.1669, 43.0613, -6.4439



66.1669, 6.5814, 32.0837

Rectangle

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



66.1656, -39.9901, 12.2829



66.1669, -34.2867, -25.3168



66.1669, 43.0613, -6.4439



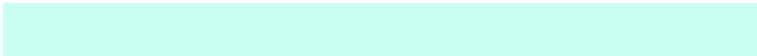
66.1669, 34.1186, 23.4543

Sweetspot

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



66.1669, -39.9906, 12.2836



94.9616, -24.4318, 7.5508



66.1401, -43.1509, 35.9137



43.6681, -12.3479, 3.6648

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.1669, -39.9906, 12.2836



87.0446, -57.8844, 19.8748



59.1741, -21.6942, -17.4497



34.6530, -5.0189, 2.2046



52.3702, -36.9937, 14.4006



11.4514, -7.7098, 2.3299

Inverse Universe

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



40.5858, 50.1978, 6.3613



49.3724, 76.7912, 13.3535



43.7726, 35.7944, 21.4251



32.6975, 1.5727, 1.5446



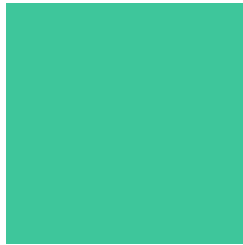
28.3761, 49.4561, 11.6605



6.2811, 11.1520, 0.9938

Previews

White Background



This preview shows how the HunterLab color 66.1656, -39.9901, 12.2829 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 66.1656, -39.9901, 12.2829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

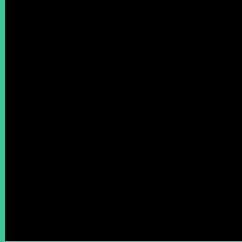
Any Text WCAG AA ✓ Pass

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 66.1656, -39.9901, 12.2829 Background



This preview shows how black text looks on a background with the HunterLab color 66.1656, -39.9901, 12.2829.



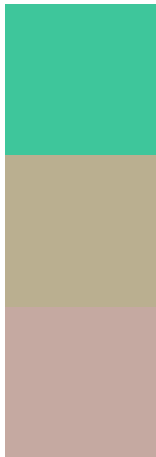
This preview shows how white text looks on a background with the HunterLab color 66.1656,

-39.9901, 12.2829.

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

66.1656, -39.9901, 12.2829

Protanopia

65.6602, -4.4954, 16.5552

Deuteranopia

65.4366, 4.5475, 9.8503



Tritanopia

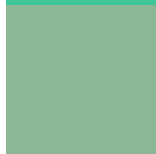
66.0692, -24.9802, -12.7002

Trichromacy



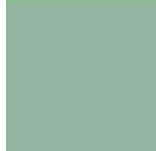
Original Color

66.1656, -39.9901, 12.2829



Protanomaly

64.5506, -20.9815, 13.6748



Deuteranomaly

64.3752, -16.1850, 9.1745



Tritanomaly

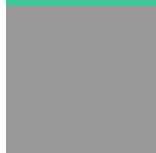
66.1445, -31.1522, -2.4341

Monochromacy



Original Color

66.1656, -39.9901, 12.2829



Achromatopsia

56.0347, -2.9899, 3.0445



Achromatomaly

58.8199, -19.3428, 5.5280

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.1656, -39.9901, 12.2829 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(62, 198, 155)` looks like.

```
.text, #text, p{  
    color:rgb(62, 198, 155)  
}
```

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(62, 198, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 198, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 66.1656, -39.9901, 12.2829 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(62, 198, 155) }
```


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

```
.border{ border-color:rgb(62, 198, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 198, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 198, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 198, 155);  
box-shadow:4px 4px 4px 4px rgb(62, 198,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.1656, -39.9901, 12.2829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 198, 155) }
```

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

```
.background{ background-color: rgb(62, 198,  
155) }
```

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