

Converting Colors

HunterLab(66.7306, -39.5807,
23.3563)

Have a look what the booklet for
HunterLab(66.7306, -39.5807,
23.3563) contains.

HunterLab(66.6219, -39.5265, 23.3899)	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(66.6219,
-39.5265, 23.3899)**

Conversions

Conversions Part 1

Format	Color
Hex	61C67C
RGB	97, 198, 124
RGB Percent	38%, 78%, 49%
CMY	0.6196, 0.2235, 0.5137
CMYK	0.51, 0.00, 0.37, 0.22
HSL	136°, 47%, 58%
HSV	136°, 51%, 78%
XYZ	28.7619, 44.3848, 26.1200
YIQ	159.3650, -36.4420, -44.4260

Conversions

Conversions Part 2

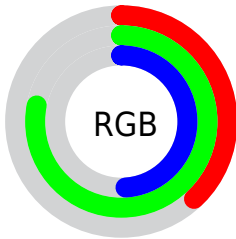
Format	Color
RYB	97, 177, 198
Decimal	6407804
CIELab	72.49, -45.72, 28.29
CIELCh	72, 53.763, 148.251
Yxy	44.3866, 0.2897, 0.4471
Android (android.graphics.Color)	4284597884 (0xFF61C67C)
YUV	159.3650, -17.4349, -54.6941
Hunter-Lab	66.6219, -39.5265, 23.3899

Details

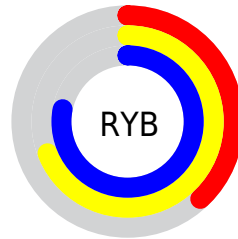
The HunterLab color $66.6219, -39.5265, 23.3899$ is a dark color, and the websafe version is hex $66CC99$. A complement of this color would be $48.4730, 43.7472, -16.4929$, and the grayscale version is $59.1115, -3.1540, 3.2116$.

A 20% lighter version of the original color is $90.3130, -45.3455, 27.5497$, and $45.2732, -32.8947, 18.8369$ is the 20% darker color. If you saturate the color by 10%, you get $65.6436, -44.0165, 26.4845$, and if you desaturate by 10%, it is $67.8291, -34.1500, 20.0110$.

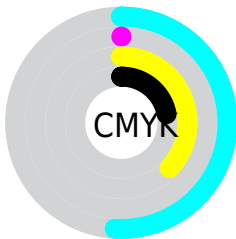
Distribution



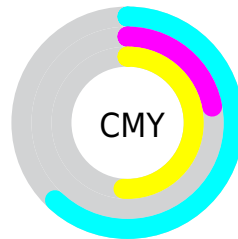
- Red (38%)
- Green (78%)
- Blue (49%)



- Red (38%)
- Yellow (69%)
- Blue (78%)



- Cyan (51%)
- Magenta (0%)
- Yellow (37%)
- Black (22%)



- Cyan (62%)
- Magenta (22%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.6219, -39.5265, 23.3899 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 66.6219, -39.5265, 23.3899 by changing the saturation by 10% instead.

■ 66.6219, -39.5265,
23.3899

■ 66.6219, -39.5265,
23.3899

190.8621,
-64.5598, 41.3425

■ 55.6548, -36.3133,
21.1808

■ 90.4429, -45.5801,
27.6109

■ 45.3646, -32.9299,
18.8785

■ 103.2320,
-48.4638, 29.6490

■ 35.8008, -29.3271,
16.4539

■ 116.5729,
-51.2737, 31.6518

■ 27.0234, -25.4295,
13.8646

■ 130.4435,
-54.0218, 33.6266

■ 19.1104, -21.1181,
11.1043

144.8245,
-56.7174, 35.5788

■ 12.1692, -18.3952,
8.5185

159.6982,

■ 5.2463, -9.1810,

-59.3682, 37.5132

3.6724

175.0489,
-61.9805, 39.4334

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.6219, -39.5265,
23.3899

■ 66.6219, -39.5265,
23.3899

■ 65.6436, -44.0165,
26.4845

■ 67.8291, -34.1500,
20.0110

■ 64.8826, -47.5996,
29.2564

■ 69.2641, -27.9278,
16.3879

■ 64.3278, -50.2911,
31.6769

■ 70.9277, -20.9238,
12.5658

■ 63.9606, -52.1434,
33.7253

■ 72.8164, -13.2144,
8.5892


■ 63.7544, -53.2336,


■ 74.9240, -4.8828,


35.2286

4.5007

 77.2427, 3.9862,
0.3391

 79.7631, 13.3104,
-3.8618

 82.4286, 22.8668,
-8.1378

 82.9711, 25.6508,
-15.7690

Harmonies

Analogous

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



66.6233, -24.7073, 32.5333



66.6219, -39.5265, 23.3899



66.6233, -44.9200, 4.9996

Triad

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



66.6233, -39.5275, 23.3904



66.6233, -5.0113, -59.7109



66.6233, 43.9919, 21.7585

Complementary

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



66.6219, -39.5265, 23.3899



48.4730, 43.7472, -16.4929

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.



66.6233, 51.2663, 2.2235



66.6219, -39.5265, 23.3899



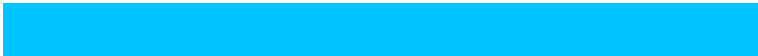
66.6233, 20.6096, -50.1478

Square

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



66.6233, -39.5275, 23.3904



66.6233, -26.8910, -47.7838



66.6233, 42.1550, -25.0111



66.6233, 23.5055, 31.8629

Rectangle

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



66.6219, -39.5265, 23.3899



66.6233, -43.1474, -12.2431



66.6233, 42.1550, -25.0111



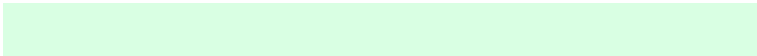
66.6233, 48.1845, 16.3529

Sweetspot

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



66.6233, -39.5275, 23.3904



95.8009, -22.0157, 13.6812



70.6532, -24.7020, 33.6130



44.0739, -11.1990, 6.8531

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.6233, -39.5275, 23.3904



87.2480, -59.0536, 35.5949



67.8265, -32.3565, 6.0281



34.5452, -5.6203, 3.7458



51.4242, -42.8532, 28.2319



11.2454, -8.9789, 5.3272

Inverse Universe

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



48.4730, 43.7472, -16.4929



59.2406, 70.5119, -25.5432



46.8250, 36.1893, 6.7576



32.8121, 2.1878, -0.0863



30.2545, 56.2596, -14.9288



6.6706, 12.5522, -4.4378

Previews

White Background



This preview shows how the HunterLab color 66.6219, -39.5265, 23.3899 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 66.6219, -39.5265, 23.3899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

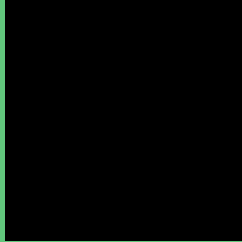
Any Text WCAG AA ✓ Pass

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 66.6219, -39.5265, 23.3899 Background



This preview shows how black text looks on a background with the HunterLab color 66.6219, -39.5265, 23.3899.



This preview shows how white text looks on a background with the HunterLab color 66.6219,

-39.5265, 23.3899.

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

66.6219, -39.5265, 23.3899

Protanopia

66.2484, -6.6636, 26.1893

Deuteranopia

66.0075, 5.0395, 21.4743



Tritanopia

66.4138, -18.8802, -10.4057

Trichromacy



Original Color

66.6219, -39.5265, 23.3899



Protanomaly

65.7069, -21.2001, 24.6515



Deuteranomaly

65.2119, -14.5786, 21.3605



Tritanomaly

66.4149, -27.4856, 4.2369

Monochromacy



Original Color

66.6219, -39.5265, 23.3899



Achromatopsia

58.8816, -3.1418, 3.1991



Achromatomaly

60.9891, -18.0936, 10.8279

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.6219, -39.5265, 23.3899 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(97, 198, 124)` looks like.

```
.text, #text, p{  
  color:rgb(97, 198, 124)  
}
```

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(97, 198, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 198, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 66.6219, -39.5265, 23.3899 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(97, 198, 124) }
```


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

```
.border{ border-color:rgb(97, 198, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 198, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 198, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 198, 124);  
box-shadow:4px 4px 4px 4px rgb(97, 198,  
124) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.6219, -39.5265, 23.3899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 198, 124) }
```

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

```
.background{ background-color: rgb(97, 198,  
124) }
```

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