

Converting Colors

HunterLab(61.2780, -39.1140,
23.3450)

Have a look what the booklet for
HunterLab(61.2780, -39.1140,
23.3450) contains.

HunterLab(61.2259, -39.0291, 23.3051)	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(61.2259,
-39.0291, 23.3051)**

Conversions

Conversions Part 1

Format	Color
Hex	50B96C
RGB	80, 185, 108
RGB Percent	31%, 73%, 42%
CMY	0.6863, 0.2745, 0.5765
CMYK	0.57, 0.00, 0.42, 0.27
HSL	136°, 43%, 52%
HSV	136°, 57%, 73%
XYZ	23.3640, 37.4861, 20.1915
YIQ	144.8270, -37.8630, -46.2070

Conversions

Conversions Part 2

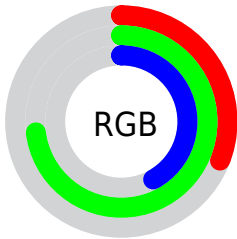
Format	Color
RYB	80, 163, 185
Decimal	5290348
CIELab	67.64, -47.31, 30.16
CIELCh	68, 56.100, 147.483
Yxy	37.4877, 0.2883, 0.4626
Android (android.graphics.Color)	4283480428 (0xFF50B96C)
YUV	144.8270, -18.1557, -56.8533
Hunter-Lab	61.2259, -39.0291, 23.3051

Details

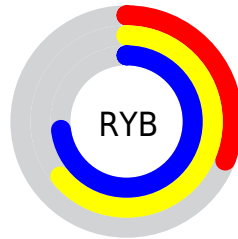
The HunterLab color $61.2259, -39.0291, 23.3051$ is a dark color, and the websafe version is hex $66CC66$. A complement of this color would be $42.9962, 44.9986, -16.7065$, and the grayscale version is $53.2249, -2.8399, 2.8918$.

A 20% lighter version of the original color is $84.4753, -45.5311, 27.9138$, and $40.6876, -32.0783, 18.4805$ is the 20% darker color. If you saturate the color by 10%, you get $60.4346, -42.7155, 26.0019$, and if you desaturate by 10%, it is $62.2242, -34.5160, 20.3270$.

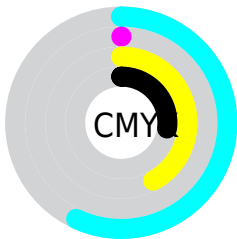
Distribution



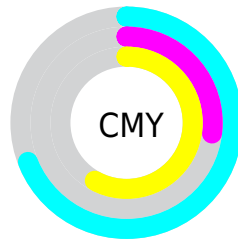
- Red (31%)
- Green (73%)
- Blue (42%)



- Red (31%)
- Yellow (64%)
- Blue (73%)



- Cyan (57%)
- Magenta (0%)
- Yellow (42%)
- Black (27%)



- Cyan (69%)
- Magenta (27%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.2259, -39.0291, 23.3051 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 61.2259, -39.0291, 23.3051 by changing the saturation by 10% instead.

■ 61.2259, -39.0291,
23.3051

■ 61.2259, -39.0291,
23.3051

183.1439,
-65.0532, 42.2192

■ 50.5819, -35.6359,
20.9318

■ 84.4524, -45.3783,
27.8034

■ 40.6370, -32.0413,
18.4418

■ 96.9655, -48.3870,
29.9614

■ 31.4457, -28.1829,
15.7983

■ 110.0420,
-51.3107, 32.0746

■ 23.0759, -23.9639,
12.9480

■ 123.6585,
-54.1633, 34.1518

■ 15.6179, -19.3142,
10.8636

137.7945,
-56.9558, 36.1998

■ 9.1975, -16.0956,
6.4382

152.4316,

0.0000, NaN, NaN

-59.6969, 38.2242

0.0000, NaN, NaN

167.5531,
-62.3941, 40.2294

0.0000, NaN, NaN

■ 61.2259, -39.0291,
23.3051

■ 61.2259, -39.0291,
23.3051

■ 60.4346, -42.7155,
26.0019

■ 62.2242, -34.5160,
20.3270

■ 59.8373, -45.5719,
28.3860

■ 63.4307, -29.2012,
17.1022

■ 59.4210, -47.6304,
30.4352

■ 64.8479, -23.1339,
13.6707

■ 59.1624, -48.9714,
32.1334

■ 66.4740, -16.3779,
10.0737

■ 59.0965, -49.3185,
32.5991

■ 68.3046, -9.0066,
6.3513

■ 70.3334, -1.0970,
2.5412

■ 72.5525, 7.2737,
-1.3229

■ 74.9532, 16.0323,
-5.2119

■ 77.5259, 25.1117,
-9.1015

Harmonies

Analogous

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



61.2272, -24.0803, 31.7577



61.2259, -39.0291, 23.3051



61.2272, -44.5749, 5.3240

Triad

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



61.2272, -39.0299, 23.3056



61.2272, -5.3851, -62.9832



61.2272, 45.9617, 21.0279

Complementary

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



61.2259, -39.0291, 23.3051



42.9962, 44.9986, -16.7065

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.



61.2272, 53.0970, 1.2723



61.2259, -39.0291, 23.3051



61.2272, 20.7540, -53.3391

Square

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



61.2272, -39.0299, 23.3056



61.2272, -27.2175, -49.7203



61.2272, 43.2203, -27.0109



61.2272, 25.0379, 30.8661

Rectangle

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



61.2259, -39.0291, 23.3051



61.2272, -42.9974, -12.2085



61.2272, 43.2203, -27.0109



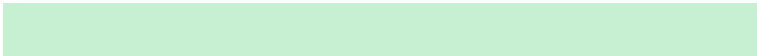
61.2272, 50.1865, 15.6347

Sweetspot

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



61.2272, -39.0299, 23.3056



88.8387, -22.4103, 13.7367



65.2873, -23.9003, 32.9187



41.0389, -11.2661, 6.8276



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



61.2272, -39.0299, 23.3056



80.6656, -58.1633, 35.5872



62.3695, -32.1747, 6.7939



31.7780, -5.1358, 3.4302



48.7746, -40.6278, 26.7397



9.2156, -7.2674, 4.1695

Inverse Universe

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



42.9962, 44.9986, -16.7065



52.6644, 72.0771, -25.2390



41.3499, 37.6813, 6.4889



30.2006, 1.9743, -0.0632



28.7047, 53.3956, -14.3029



5.4785, 10.3415, -3.8968

Previews

White Background



This preview shows how the HunterLab color 61.2259, -39.0291, 23.3051 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 61.2259, -39.0291, 23.3051 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 61.2259, -39.0291, 23.3051 Background



This preview shows how black text looks on a background with the HunterLab color 61.2259, -39.0291, 23.3051.



This preview shows how white text looks on a background with the HunterLab color 61.2259,

-39.0291, 23.3051.

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

61.2259, -39.0291, 23.3051

Protanopia

60.8726, -6.3399, 25.6553

Deuteranopia

60.7897, 4.1928, 21.7122



Tritanopia

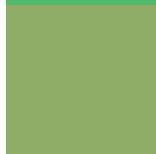
60.9938, -18.6398, -10.0966

Trichromacy



Original Color

61.2259, -39.0291, 23.3051



Protanomaly

60.2694, -20.9787, 24.1470



Deuteranomaly

59.6486, -14.9678, 21.2561



Tritanomaly

60.9573, -27.3736, 4.7344

Monochromacy



Original Color

61.2259, -39.0291, 23.3051



Achromatopsia

53.2117, -2.8392, 2.8911



Achromatomaly

55.5630, -18.1392, 10.6261

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.2259, -39.0291, 23.3051 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(80, 185, 108)` looks like.

```
.text, #text, p{  
    color:rgb(80, 185, 108)  
}
```

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(80, 185, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 185, 108) }
```

Border

The CSS property to change the border of an element to HunterLab 61.2259, -39.0291, 23.3051 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(80, 185, 108) }
```


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

```
.border{ border-color:rgb(80, 185, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 185, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 185, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 185, 108);  
box-shadow:4px 4px 4px 4px rgb(80, 185,  
108) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.2259, -39.0291, 23.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 185, 108) }
```

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

```
.background{ background-color: rgb(80, 185,  
108) }
```

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