

Converting Colors

HunterLab(68.3398, -32.4269,
31.4475)

Have a look what the booklet for
HunterLab(68.3398, -32.4269,
31.4475) contains.

HunterLab(68.2386, -32.2423, 31.4439)	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(68.2386,
-32.2423, 31.4439)**

Conversions

Conversions Part 1

Format	Color
Hex	8EC562
RGB	142, 197, 98
RGB Percent	56%, 77%, 38%
CMY	0.4431, 0.2274, 0.6157
CMYK	0.28, 0.00, 0.50, 0.23
HSL	93°, 46%, 58%
HSV	93°, 50%, 77%
XYZ	33.3261, 46.5651, 18.7868
YIQ	169.2690, -1.0010, -42.4490

Conversions

Conversions Part 2

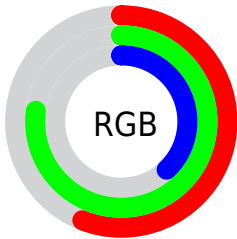
Format	Color
RYB	98, 197, 153
Decimal	9356642
CIELab	73.91, -34.97, 43.68
CIELCh	74, 55.952, 128.685
Yxy	46.5671, 0.3377, 0.4719
Android (android.graphics.Color)	4287546722 (0xFF8EC562)
YUV	169.2690, -35.1356, -23.9149
Hunter-Lab	68.2386, -32.2423, 31.4439

Details

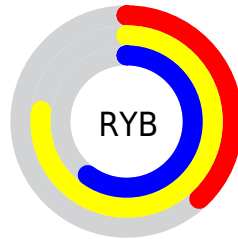
The HunterLab color $68.2386, -32.2423, 31.4439$ is a dark color, and the websafe version is hex $99CC66$. A complement of this color would be $44.2044, 34.0308, -43.0194$, and the grayscale version is $63.2417, -3.3744, 3.4360$.

A 20% lighter version of the original color is $92.2625, -37.0267, 37.3887$, and $46.8240, -27.1993, 24.9713$ is the 20% darker color. If you saturate the color by 10%, you get $67.3190, -36.3478, 34.4471$, and if you desaturate by 10%, it is $69.2837, -27.6056, 27.6208$.

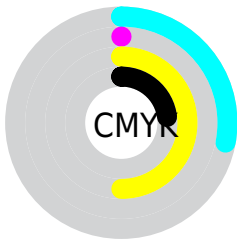
Distribution



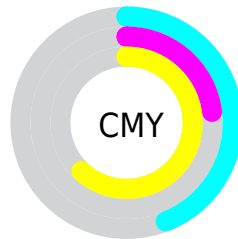
- Red (56%)
- Green (77%)
- Blue (38%)



- Red (38%)
- Yellow (77%)
- Blue (60%)



- Cyan (28%)
- Magenta (0%)
- Yellow (50%)
- Black (23%)



- Cyan (44%)
- Magenta (23%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.2386, -32.2423, 31.4439 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 68.2386, -32.2423, 31.4439 by changing the saturation by 10% instead.

■ 68.2386, -32.2423,
31.4439

■ 68.2386, -32.2423,
31.4439

193.1538,
-52.6827, 56.1176

■ 57.1783, -29.7034,
28.2641

■ 92.2318, -37.0843,
37.4300

■ 46.7887, -27.0531,
24.9207

■ 105.1010,
-39.4151, 40.2776

■ 37.1179, -24.2587,
21.3752

■ 118.5187,
-41.7007, 43.0493

■ 28.2241, -21.2691,
17.5808

■ 132.4633,
-43.9491, 45.7570

■ 20.1822, -18.0026,
14.1275

146.9155,
-46.1667, 48.4104

■ 13.0943, -14.5977,
9.1660

161.8582,

■ 6.5809, -11.5166,

-48.3587, 51.0173

4.6066

177.2757,
-50.5296, 53.5846

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.2386, -32.2423,
31.4439

■ 68.2386, -32.2423,
31.4439

■ 67.3190, -36.3478,
34.4471

■ 69.2837, -27.6056,
27.6208

■ 66.5184, -39.9089,
36.6497

■ 70.4507, -22.4509,
22.9728

■ 65.8345, -42.9297,
38.0944

■ 71.7407, -16.8043,
17.5113

■ 65.2618, -45.4272,
38.8508

■ 73.1524, -10.6956,
11.2589

■ 64.7976, -47.4218,

■ 74.6836, -4.1581,

39.0978

4.2472

■ 76.3317, 2.7732,
-3.4859

■ 78.0934, 10.0622,
-11.8977

■ 79.9407, 17.5463,
-20.6019

■ 81.0979, 21.2312,
-18.8231

Harmonies

Analogous

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



68.2401, -11.0526, 36.0454



68.2386, -32.2423, 31.4439



68.2401, -44.3581, 18.8785

Triad

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



68.2401, -32.2438, 31.4444



68.2401, -20.9326, -57.3408



68.2401, 53.3363, 10.5318

Complementary

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



68.2386, -32.2423, 31.4439



44.2044, 34.0308, -43.0194

Split Complementary

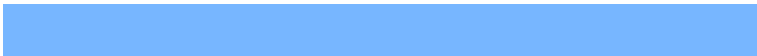
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.2401, 49.6346, -15.9994



68.2386, -32.2423, 31.4439



68.2401, 4.0932, -62.2656

Square

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



68.2401, -32.2438, 31.4444



68.2401, -38.5421, -33.3325



68.2401, 30.6108, -44.9973



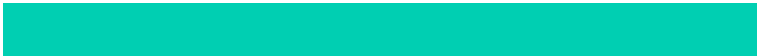
68.2401, 40.0752, 27.3091

Rectangle

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



68.2386, -32.2423, 31.4439



68.2401, -46.8888, 4.8004



68.2401, 30.6108, -44.9973



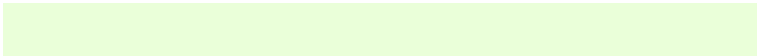
68.2401, 54.0708, 2.6104

Sweetspot

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



68.2401, -32.2438, 31.4444



96.9364, -18.4566, 19.3615



59.4615, 5.6145, 25.2156



44.6618, -9.3424, 9.7755

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.2401, -32.2438, 31.4444



90.0138, -48.9835, 46.3287



65.9618, -41.1495, 28.4020



34.8061, -4.8192, 5.0735



52.5962, -38.2696, 31.7395



11.6303, -7.5648, 7.0341

Inverse Universe

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



44.2044, 34.0308, -43.0194



52.2381, 56.5283, -74.2009



49.4115, 46.8877, -28.6090



32.5163, 1.3446, -1.6703



22.0432, 49.7781, -78.9981



5.2206, 11.3452, -15.2685

Previews

White Background



This preview shows how the HunterLab color 68.2386, -32.2423, 31.4439 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 68.2386, -32.2423, 31.4439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

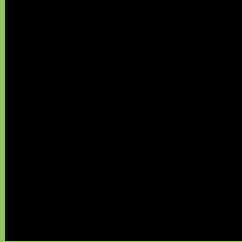
Any Text WCAG AA ✓ Pass

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 68.2386, -32.2423, 31.4439 Background



This preview shows how black text looks on a background with the HunterLab color 68.2386, -32.2423, 31.4439.



This preview shows how white text looks on a background with the HunterLab color 68.2386,

-32.2423, 31.4439.

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

68.2386, -32.2423, 31.4439

Protanopia

67.9098, -7.6071, 32.6711

Deuteranopia

67.8986, 4.6247, 30.4836



Tritanopia

68.1931, -9.3839, -6.1880

Trichromacy



Original Color

68.2386, -32.2423, 31.4439

Protanomaly

67.7869, -17.4408, 31.9952

Deuteranomaly

67.5438, -10.2080, 30.4072

Tritanomaly

67.9578, -18.9483, 10.9013

Monochromacy



Original Color

68.2386, -32.2423, 31.4439

Achromatopsia

62.9885, -3.3609, 3.4223

Achromatomaly

64.4936, -14.9529, 15.5890

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.2386, -32.2423, 31.4439 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(142, 197, 98)` looks like.

```
.text, #text, p{  
    color:rgb(142, 197, 98)  
}
```

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(142, 197, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 197, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 68.2386, -32.2423, 31.4439 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(142, 197, 98) }
```


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

```
.border{ border-color:rgb(142, 197, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 197, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 197, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 197, 98);  
box-shadow:4px 4px 4px 4px rgb(142, 197,  
98) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.2386, -32.2423, 31.4439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 197, 98) }
```

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

```
.background{ background-color: rgb(142,  
197, 98) }
```

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