

Converting Colors

HunterLab(49.5987, -35.1185,
21.2275)

Have a look what the booklet for
HunterLab(49.5987, -35.1185,
21.2275) contains.

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Color

**HunterLab(49.6445,
-35.2342, 21.3657)**

Conversions

Conversions Part 1

Format	Color
Hex	319B4E
RGB	49, 155, 78
RGB Percent	19%, 61%, 31%
CMY	0.8078, 0.3921, 0.6941
CMYK	0.68, 0.00, 0.50, 0.39
HSL	136°, 52%, 40%
HSV	136°, 68%, 61%
XYZ	14.3632, 24.6458, 11.2079
YIQ	114.5280, -38.4590, -46.4190

Conversions

Conversions Part 2

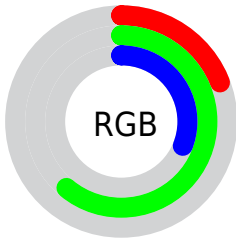
Format	Color
R_{YB}	49, 132, 155
Decimal	3251022
CIE _{Lab}	56.73, -47.16, 31.66
CIE _{LCh}	57, 56.807, 146.125
Yxy	24.6468, 0.2860, 0.4908
Android (android.graphics.Color)	4281441102 (0xFF319B4E)
YUV	114.5280, -18.0083, -57.4681
Hunter-Lab	49.6445, -35.2342, 21.3657

Details

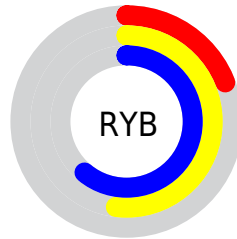
The HunterLab color $49.6445, -35.2342, 21.3657$ is a dark color, and the websafe version is hex 339933 . A complement of this color would be $32.6681, 43.2740, -14.9381$, and the grayscale version is $41.3025, -2.2038, 2.2440$.

A 20% lighter version of the original color is $71.3021, -41.8468, 26.2218$, and $31.2957, -25.7668, 16.5062$ is the 20% darker color. If you saturate the color by 10%, you get $49.1706, -37.5104, 23.2877$, and if you desaturate by 10%, it is $50.2755, -32.2999, 19.2001$.

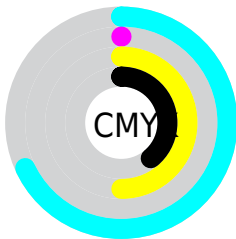
Distribution



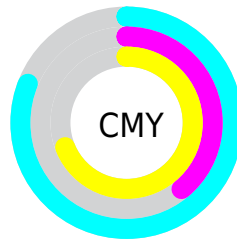
- Red (19%)
- Green (61%)
- Blue (31%)



- Red (19%)
- Yellow (52%)
- Blue (61%)



- Cyan (68%)
- Magenta (0%)
- Yellow (50%)
- Black (39%)



- Cyan (81%)
- Magenta (39%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6445, -35.2342, 21.3657 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 49.6445, -35.2342, 21.3657 by changing the saturation by 10% instead.

■ 49.6445, -35.2342,
21.3657

■ 49.6445, -35.2342,
21.3657

166.1548,
-62.0012, 41.4155

■ 39.7669, -31.6293,
18.7552

■ 71.4728, -41.8772,
26.2334

■ 30.6475, -27.7540,
15.9765

■ 83.3406, -44.9909,
28.5397

■ 22.3566, -23.5081,
12.9738

■ 95.8010, -48.0005,
30.7838

■ 14.9873, -18.9748,
10.4911

■ 108.8271,
-50.9242, 32.9779

■ 8.6314, -15.1050,
6.0420

■ 122.3953,
-53.7760, 35.1313

0.0000, NaN, NaN

0.0000, NaN, NaN

136.4848,

-56.5670, 37.2515

0.0000, NaN, NaN

151.0769,
-59.3063, 39.3446

0.0000, NaN, NaN

■ 49.6445, -35.2342,
21.3657

■ 49.6445, -35.2342,
21.3657

■ 49.1706, -37.5104,
23.2877

■ 50.2755, -32.2999,
19.2001

■ 48.8393, -39.1526,
24.9472

■ 51.0681, -28.7045,
16.8135

■ 48.6244, -40.2626,
26.3248

■ 52.0275, -24.4684,
14.2344

■ 48.5940, -40.4197,
26.5163

■ 53.1549, -19.6281,
11.4935

■ 54.4493, -14.2325,
8.6231

■ 55.9074, -8.3384,
5.6544

■ 57.5245, -2.0061,
2.6171

■ 59.2946, 4.7037,
-0.4622

■ 61.2108, 11.7329,
-3.5606

Harmonies

Analogous

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



49.6455, -21.2475, 28.0597



49.6445, -35.2342, 21.3657



49.6455, -40.5736, 5.5568

Triad

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



49.6455, -35.2348, 21.3660



49.6455, -5.7084, -63.3563



49.6455, 45.5098, 18.3103

Complementary

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



49.6445, -35.2342, 21.3657



32.6681, 43.2740, -14.9381

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.



49.6455, 51.7888, -0.3324



49.6445, -35.2342, 21.3657



49.6455, 19.1617, -54.4676

Square

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



49.6455, -35.2348, 21.3660



49.6455, -25.6823, -48.7681



49.6455, 41.3704, -28.2220



49.6455, 25.5346, 26.9693

Rectangle

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



49.6445, -35.2342, 21.3657



49.6455, -39.4256, -10.9807



49.6455, 41.3704, -28.2220



49.6455, 49.4366, 13.3413

Sweetspot

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



49.6455, -35.2348, 21.3660



72.3179, -21.3029, 12.7165



53.0634, -22.2547, 29.0609



34.1932, -11.0198, 6.5188



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



49.6455, -35.2348, 21.3660



65.5470, -51.4446, 32.3666



50.7106, -28.7775, 5.9407



26.3666, -4.1806, 2.7905



43.5565, -36.1830, 23.6669



5.3772, -4.1034, 2.1371

Inverse Universe

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



32.6681, 43.2740, -14.9381



40.2077, 66.6818, -20.6046



31.0749, 36.6279, 7.5175



25.0894, 1.5489, 0.0068



25.6010, 47.5802, -12.4313



3.2245, 6.1515, -2.7957

Previews

White Background



This preview shows how the HunterLab color 49.6445, -35.2342, 21.3657 looks on a white background.

Color Contrast Check

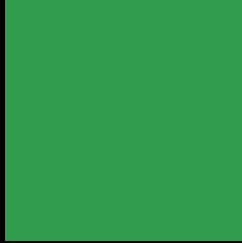
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.6445, -35.2342, 21.3657 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 49.6445, -35.2342, 21.3657 Background



This preview shows how black text looks on a background with the HunterLab color 49.6445, -35.2342, 21.3657.



This preview shows how white text looks on a background with the HunterLab color 49.6445,

-35.2342, 21.3657.

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

49.6445, -35.2342, 21.3657

Protanopia

49.1655, -5.4558, 23.0112

Deuteranopia

49.1354, 3.3592, 19.9654



Tritanopia

49.5199, -16.9032, -8.5118

Trichromacy



Original Color

49.6445, -35.2342, 21.3657

Protanomaly

48.3230, -19.1129, 21.4929

Deuteranomaly

47.8787, -14.3040, 19.3670

Tritanomaly

49.2322, -24.6771, 4.8929

Monochromacy



Original Color

49.6445, -35.2342, 21.3657

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

43.7592, -16.6346, 9.6413

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6445, -35.2342, 21.3657 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(49, 155, 78)` looks like.

```
.text, #text, p{  
    color:rgb(49, 155, 78)  
}
```

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(49, 155, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 155, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6445, -35.2342, 21.3657 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(49, 155, 78) }
```


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

```
.border{ border-color:rgb(49, 155, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 155, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 155, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 155, 78);  
box-shadow:4px 4px 4px 4px rgb(49, 155,  
78) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6445, -35.2342, 21.3657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 155, 78) }
```

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

```
.background{ background-color: rgb(49, 155,  
78) }
```

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](#).

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