

Converting Colors

HunterLab(63.4678, -35.2245,
34.8306)

Have a look what the booklet for
HunterLab(63.4678, -35.2245,
34.8306) contains.

HunterLab(63.4003, -35.0286, 34.8338)	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(63.4003,
-35.0286, 34.8338)**

Conversions

Conversions Part 1

Format	Color
Hex	7DBB39
RGB	125, 187, 57
RGB Percent	49%, 73%, 22%
CMY	0.5098, 0.2667, 0.7765
CMYK	0.33, 0.00, 0.70, 0.27
HSL	89°, 53%, 48%
HSV	89°, 70%, 73%
XYZ	26.9662, 40.1960, 10.2082
YIQ	153.6420, 4.7780, -53.5740

Conversions

Conversions Part 2

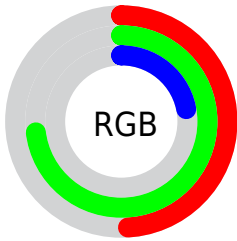
Format	Color
RYB	57, 187, 119
Decimal	8239929
CIELab	69.61, -40.46, 56.74
CIElCh	70, 69.690, 125.489
Yxy	40.1977, 0.3485, 0.5195
Android (android.graphics.Color)	4286430009 (0xFF7DBB39)
YUV	153.6420, -47.6445, -25.1190
Hunter-Lab	63.4003, -35.0286, 34.8338

Details

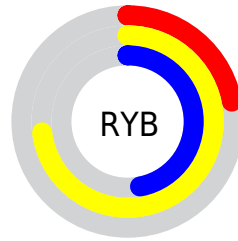
The HunterLab color $63.4003, -35.0286, 34.8338$ is a dark color, and the websafe version is hex $99CC33$. A complement of this color would be $32.3068, 43.1501, -65.6218$, and the grayscale version is $56.8874, -3.0354, 3.0908$.

A 20% lighter version of the original color is $86.9901, -40.8607, 42.6375$, and $42.5172, -28.5878, 25.6984$ is the 20% darker color. If you saturate the color by 10%, you get $62.7716, -37.7951, 36.2615$, and if you desaturate by 10%, it is $64.1262, -31.8201, 32.6850$.

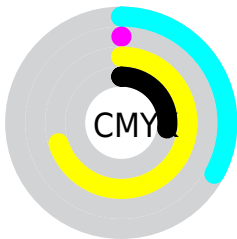
Distribution



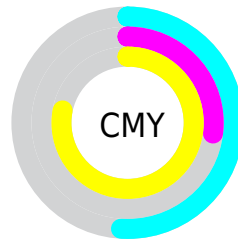
- Red (49%)
- Green (73%)
- Blue (22%)



- Red (22%)
- Yellow (73%)
- Blue (47%)



- Cyan (33%)
- Magenta (0%)
- Yellow (70%)
- Black (27%)



- Cyan (51%)
- Magenta (27%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.4003, -35.0286, 34.8338 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 63.4003, -35.0286, 34.8338 by changing the saturation by 10% instead.

■ 63.4003, -35.0286,
34.8338

■ 63.4003, -35.0286,
34.8338

186.2676,
-57.9623, 65.8679

■ 52.6239, -32.1043,
30.7184

■ 86.8703, -40.5479,
42.5166

■ 42.5373, -29.0259,
26.3768

■ 99.4963, -43.1820,
46.1371

■ 33.1928, -25.7463,
21.7926

■ 112.6808,
-45.7526, 49.6392

■ 24.6550, -22.1917,
17.2585

■ 126.4012,
-48.2704, 53.0394

■ 17.0088, -18.2411,
11.9062

■ 140.6373,
-50.7439, 56.3517

■ 10.3736, -17.7487,
7.2615

155.3710,

0.0000, NaN, NaN

-53.1801, 59.5876

0.0000, NaN, NaN

170.5860,
-55.5847, 62.7570

0.0000, NaN, NaN

■ 63.4003, -35.0286,
34.8338

■ 63.4003, -35.0286,
34.8338

■ 62.7716, -37.7951,
36.2615

■ 64.1262, -31.8201,
32.6850

■ 62.2312, -40.1314,
37.0310

■ 64.9484, -28.1605,
29.7736

■ 61.7693, -42.0958,
37.3001

■ 65.8703, -24.0553,
26.0777

■ 61.7483, -42.1853,
37.3105

■ 66.8928, -19.5156,
21.5904

■ 68.0160, -14.5581,
16.3172

■ 69.2393, -9.2038,
10.2742

■ 70.5613, -3.4767,
3.4856

■ 71.9802, 2.5972,
-4.0179

■ 73.4939, 8.9908,
-12.2009

Harmonies

Analogous

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



63.4017, -9.1113, 38.2870



63.4003, -35.0286, 34.8338



63.4017, -49.8556, 23.0994

Triad

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



63.4017, -35.0300, 34.8342



63.4017, -26.7410, -75.2054



63.4017, 69.3979, 8.7500

Complementary

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



63.4003, -35.0286, 34.8338



32.3068, 43.1501, -65.6218

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.



63.4017, 62.1406, -25.6196



63.4003, -35.0286, 34.8338



63.4017, 2.5492, -85.6288

Square

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



63.4017, -35.0300, 34.8342



63.4017, -45.7695, -40.2744



63.4017, 36.0158, -64.2260



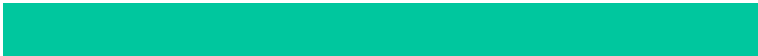
63.4017, 54.2580, 28.7256

Rectangle

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



63.4003, -35.0286, 34.8338



63.4017, -53.4212, 7.8436



63.4017, 36.0158, -64.2260



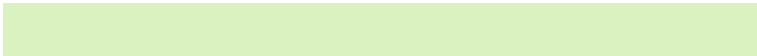
63.4017, 69.5259, -1.2800

Sweetspot

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



63.4017, -35.0300, 34.8342



90.7385, -20.7320, 23.2001



48.7240, 16.1125, 25.5945



42.3824, -10.6050, 11.8297



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



63.4017, -35.0300, 34.8342



83.6407, -52.1574, 49.1269



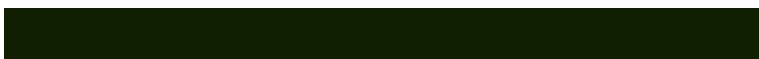
60.6965, -46.0632, 32.8127



32.9977, -4.3432, 4.8465



51.2961, -34.8425, 30.9984



10.3412, -6.1288, 6.2649

Inverse Universe

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



32.3068, 43.1501, -65.6218



36.5374, 68.9138, -112.9149



40.6714, 59.9790, -42.4273



30.7287, 1.0476, -1.6385



19.9610, 46.5679, -83.1015



4.4161, 9.7554, -14.1434

Previews

White Background



This preview shows how the HunterLab color 63.4003, -35.0286, 34.8338 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 63.4003, -35.0286, 34.8338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

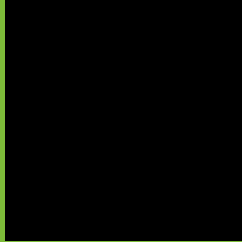
Any Text WCAG AA ✓ Pass

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 63.4003, -35.0286, 34.8338 Background



This preview shows how black text looks on a background with the HunterLab color 63.4003, -35.0286, 34.8338.



This preview shows how white text looks on a background with the HunterLab color 63.4003,

-35.0286, 34.8338.

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

63.4003, -35.0286, 34.8338

Protanopia

63.2017, -8.2795, 35.7519

Deuteranopia

63.0333, 4.6422, 34.0739



Tritanopia

63.3827, -9.9779, -6.1539

Trichromacy



Original Color

63.4003, -35.0286, 34.8338

Protanomaly

62.7885, -19.1437, 35.0593

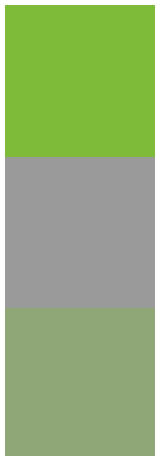
Deuteranomaly

62.2990, -11.3356, 33.7144

Tritanomaly

62.7674, -21.4535, 14.4982

Monochromacy



Original Color

63.4003, -35.0286, 34.8338

Achromatopsia

56.8457, -3.0331, 3.0885

Achromatomaly

58.6890, -16.6518, 18.2409

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.4003, -35.0286, 34.8338 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(125, 187, 57)` looks like.

```
.text, #text, p{  
    color:rgb(125, 187, 57)  
}
```

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(125, 187, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 187, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 63.4003, -35.0286, 34.8338 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(125, 187, 57) }
```


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

```
.border{ border-color:rgb(125, 187, 57) }
```

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

Here you see how a box with a 4 pixel rgb(125, 187, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 187, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 187, 57);  
box-shadow:4px 4px 4px 4px rgb(125, 187,  
57) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.4003, -35.0286, 34.8338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 187, 57) }
```

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

```
.background{ background-color: rgb(125,  
187, 57) }
```

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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