

Converting Colors

HunterLab(48.8570, -34.1409,
19.2233)

Have a look what the booklet for
HunterLab(48.8570, -34.1409,
19.2233) contains.

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Color

**HunterLab(48.9933,
-34.3006, 19.4387)**

Conversions

Conversions Part 1

Format	Color
Hex	2E9954
RGB	46, 153, 84
RGB Percent	18%, 60%, 33%
CMY	0.8196, 0.4000, 0.6706
CMYK	0.70, 0.00, 0.45, 0.40
HSL	141°, 54%, 39%
HSV	141°, 70%, 60%
XYZ	14.1182, 24.0034, 12.2765
YIQ	113.1410, -41.6230, -44.1430

Conversions

Conversions Part 2

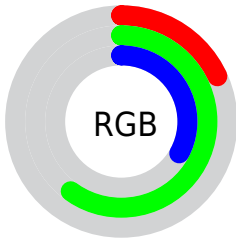
Format	Color
R_{YB}	46, 125, 153
Decimal	3053908
CIE _{Lab}	56.09, -45.94, 27.68
CIE _{LCh}	56, 53.631, 148.934
Y _{xy}	24.0044, 0.2801, 0.4763
Android (android.graphics.Color)	4281243988 (0xFF2E9954)
YUV	113.1410, -14.3665, -58.8827
Hunter-Lab	48.9933, -34.3006, 19.4387

Details

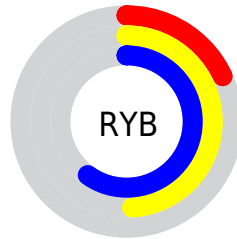
The HunterLab color **48.9933, -34.3006, 19.4387** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **31.5668, 42.0705, -10.2784**, and the grayscale version is **40.7565, -2.1747, 2.2144**.

A 20% lighter version of the original color is **70.6578, -40.6055, 23.5942**, and **30.7261, -24.7957, 15.1218** is the 20% darker color. If you saturate the color by 10%, you get **48.5452, -36.4603, 21.3333**, and if you desaturate by 10%, it is **49.5892, -31.5301, 17.3804**.

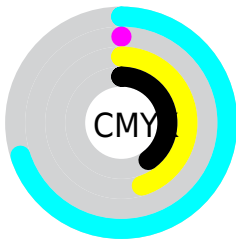
Distribution



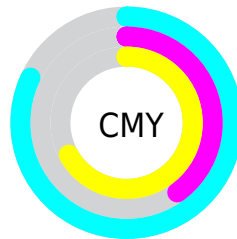
- Red (18%)
- Green (60%)
- Blue (33%)



- Red (18%)
- Yellow (49%)
- Blue (60%)



- Cyan (70%)
- Magenta (0%)
- Yellow (45%)
- Black (40%)



- Cyan (82%)
- Magenta (40%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9933, -34.3006, 19.4387 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 48.9933, -34.3006, 19.4387 by changing the saturation by 10% instead.

■ 48.9933, -34.3006,
19.4387

■ 48.9933, -34.3006,
19.4387

165.1795,
-60.5466, 37.6369

■ 39.1623, -30.7687,
17.1069

■ 70.7371, -40.8090,
23.8087

■ 30.0935, -26.9707,
14.6316

■ 82.5661, -43.8604,
25.8900

■ 21.8583, -22.8065,
11.9596

■ 94.9896, -46.8106,
27.9222

■ 14.5517, -18.4511,
10.1662

■ 107.9804,
-49.6773, 29.9154

■ 8.2125, -14.3718,
5.7487

■ 121.5147,
-52.4743, 31.8778

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 135.5715,

-55.2126, 33.8156

0.0000, NaN, NaN

150.1321,
-57.9009, 35.7340

0.0000, NaN, NaN

■ 48.9933, -34.3006,
19.4387

■ 48.9933, -34.3006,
19.4387

■ 48.5452, -36.4603,
21.3333

■ 49.5892, -31.5301,
17.3804

■ 48.2303, -38.0355,
23.0413

■ 50.3377, -28.1429,
15.1822

■ 48.0148, -39.1607,
24.5300

■ 51.2441, -24.1547,
12.8716

■ 48.0134, -39.1676,
24.5389

■ 52.3103, -19.5969,
10.4764

■ 53.5356, -14.5123,
8.0242

■ 54.9174, -8.9519,
5.5409

■ 56.4518, -2.9706,
3.0501

■ 58.1332, 3.3757,
0.5719

■ 59.9556, 10.0329,
-1.8767

Harmonies

Analogous

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



48.9943, -21.7488, 26.6707



48.9933, -34.3006, 19.4387



48.9943, -38.6498, 3.4226

Triad

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



48.9943, -34.3012, 19.4390



48.9943, -3.4151, -58.4664



48.9943, 41.0258, 18.6274

Complementary

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



48.9933, -34.3006, 19.4387



31.5668, 42.0705, -10.2784

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.



48.9943, 48.2673, 1.8990



48.9933, -34.3006, 19.4387



48.9943, 19.9924, -48.3982

Square

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



48.9943, -34.3012, 19.4390



48.9943, -22.9068, -46.9608



48.9943, 39.9678, -23.5133



48.9943, 21.6291, 26.3718

Rectangle

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



48.9933, -34.3006, 19.4387



48.9943, -37.0427, -12.5644



48.9943, 39.9678, -23.5133



48.9943, 45.1011, 14.1784

Sweetspot

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



48.9943, -34.3012, 19.4390



71.3858, -20.4703, 11.2276



51.6363, -24.5862, 28.4195



33.3459, -10.4376, 5.6636



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



48.9943, -34.3012, 19.4390



64.7018, -50.0904, 29.8895



50.1688, -27.2011, 2.4888



26.3819, -4.0955, 2.5722



43.6554, -35.5648, 22.2088



5.3983, -3.9729, 1.8288

Inverse Universe

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



31.5668, 42.0705, -10.2784



38.7720, 64.4638, -12.6649



30.1250, 36.0748, 10.2099



25.0726, 1.4588, 0.2455



25.1852, 46.0913, -6.6787



3.1890, 6.0262, -2.3191

Previews

White Background



This preview shows how the HunterLab color 48.9933, -34.3006, 19.4387 looks on a white background.

Color Contrast Check

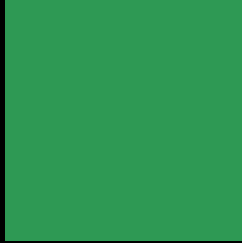
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.9933, -34.3006, 19.4387 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 48.9933, -34.3006, 19.4387 Background



This preview shows how black text looks on a background with the HunterLab color 48.9933, -34.3006, 19.4387.



This preview shows how white text looks on a background with the HunterLab color 48.9933,

-34.3006, 19.4387.

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

48.9933, -34.3006, 19.4387

Protanopia

48.6796, -5.5503, 21.3474

Deuteranopia

48.6314, 3.2133, 18.2298



Tritanopia

48.9803, -17.4767, -8.1974

Trichromacy



Original Color

48.9933, -34.3006, 19.4387

Protanomaly

47.8998, -18.9710, 19.7894

Deuteranomaly

47.4530, -14.1492, 17.4570

Tritanomaly

48.8013, -24.6634, 3.9812

Monochromacy



Original Color

48.9933, -34.3006, 19.4387

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

43.0366, -16.2631, 8.9165

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9933, -34.3006, 19.4387 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(46, 153, 84)` looks like.

```
.text, #text, p{  
    color:rgb(46, 153, 84)  
}
```

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(46, 153, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 153, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9933, -34.3006, 19.4387 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(46, 153, 84) }
```


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

```
.border{ border-color:rgb(46, 153, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 153, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 153, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 153, 84);  
box-shadow:4px 4px 4px 4px rgb(46, 153,  
84) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9933, -34.3006, 19.4387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 153, 84) }
```

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

```
.background{ background-color: rgb(46, 153,  
84) }
```

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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