

Converting Colors

HunterLab(49.1800, -3.4524,
2.2301)

Have a look what the booklet for
HunterLab(49.1800, -3.4524, 2.2301)
contains.

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Color

HunterLab(49.3684, -3.5202,
2.3853)

Conversions

Conversions Part 1

Format	Color
Hex	858888
RGB	133, 136, 136
RGB Percent	52%, 53%, 53%
CMY	0.4784, 0.4667, 0.4667
CMYK	0.02, 0.00, 0.00, 0.47
HSL	180°, 1%, 53%
HSV	180°, 2%, 53%
XYZ	22.9209, 24.3724, 26.7888
YIQ	135.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

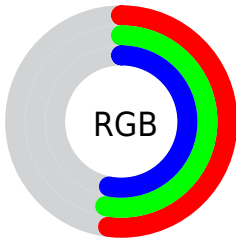
Format	Color
R_{YB}	133, 135, 136
Decimal	8751240
CIE Lab	56.46, -1.10, -0.39
CIE LCh	56, 1.171, 199.578
Yxy	24.3734, 0.3094, 0.3290
Android (android.graphics.Color)	4286941320 (0xFF858888)
YUV	135.1030, 0.4422, -1.8443
Hunter-Lab	49.3684, -3.5202, 2.3853

Details

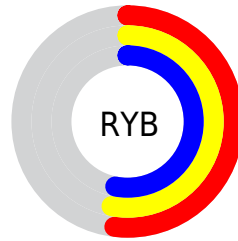
The HunterLab color $49.3684, -3.5202, 2.3853$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $48.6860, -1.6982, 2.9456$, and the grayscale version is $49.2626, -2.6285, 2.6765$.

A 20% lighter version of the original color is $71.0693, -4.7356, 3.5451$, and $30.3517, -2.1642, 1.4665$ is the 20% darker color. If you saturate the color by 10%, you get $48.3082, -7.2739, 1.0567$, and if you desaturate by 10%, it is $50.5503, 0.5588, 3.8341$.

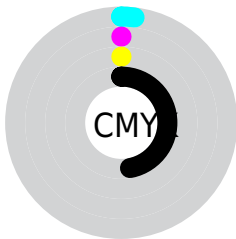
Distribution



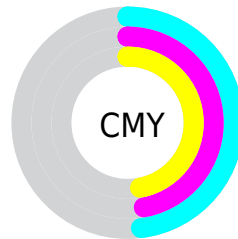
- Red (52%)
- Green (53%)
- Blue (53%)



- Red (52%)
- Yellow (53%)
- Blue (53%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (47%)



- Cyan (48%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.3684, -3.5202, 2.3853 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 49.3684, -3.5202, 2.3853 by changing the saturation by 10% instead.

■ 49.3684, -3.5202,
2.3853

■ 49.3684, -3.5202,
2.3853

165.7417,
-10.1794, 8.5715

■ 39.5106, -2.9310,
1.8709

■ 71.1610, -4.8006,
3.5334

■ 30.4125, -2.3759,
1.3988

■ 83.0124, -5.4866,
4.1607

■ 22.1452, -1.8581,
0.9743

■ 95.4572, -6.2017,
4.8211

■ 14.8024, -1.3800,
0.6033

108.4684, -6.9449,
5.5131

■ 8.4566, -1.0201,
0.2680

122.0222, -7.7151,
6.2353

0.0000, NaN, NaN

136.0979, -8.5114,

0.0000, NaN, NaN

6.9865

0.0000, NaN, NaN

150.6766, -9.3331,
7.7655

0.0000, NaN, NaN

■ 49.3684, -3.5202,
2.3853

■ 49.3684, -3.5202,
2.3853

■ 48.3082, -7.2739,
1.0567

■ 50.5503, 0.5588,
3.8341

■ 47.3690, -10.6678,
-0.1435

■ 51.8476, 4.9332,
5.3894

■ 46.5527, -13.6756,
-1.2053

■ 53.2575, 9.5681,
7.0404

■ 45.8593, -16.2758,
-2.1214

■ 54.7755, 14.4307,
8.7758

■ 45.2870, -18.4548,
-2.8875

■ 56.3969, 19.4899,
10.5848

■ 44.8322, -20.2083,
-3.5025

■ 58.1168, 24.7171,
12.4574

■ 44.4894, -21.5436,
-3.9692

■ 59.9300, 30.0863,
14.3846

■ 44.2505, -22.4806,
-4.2949

■ 61.8317, 35.5747,
16.3584

■ 44.1051, -23.0543,
-4.4922

■ 63.7569, 40.9954,
18.3113

Harmonies

Analogous

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



49.3695, -3.5600, 2.8491



49.3684, -3.5202, 2.3853



49.3695, -3.2462, 2.0002

Triad

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



49.3695, -3.5213, 2.3861



49.3695, -1.9177, 2.1027



49.3695, -2.4663, 3.5606

Complementary

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



49.3684, -3.5202, 2.3853



48.6860, -1.6982, 2.9456

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.



49.3695, -2.0246, 3.3647



49.3684, -3.5202, 2.3853



49.3695, -1.7070, 2.5249

Square

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



49.3695, -3.5213, 2.3861



49.3695, -2.3208, 1.8355



49.3695, -1.7462, 2.9867



49.3695, -2.9521, 3.5242

Rectangle

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



49.3684, -3.5202, 2.3853



49.3695, -2.9652, 1.8401



49.3695, -1.7462, 2.9867



49.3695, -2.3077, 3.5198

Sweetspot

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



49.3695, -3.5213, 2.3861



65.7147, -4.0540, 3.3875



49.2883, -3.9759, 3.6081



31.6293, -1.9336, 1.6363



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



49.3695, -3.5213, 2.3861



65.4099, -5.1192, 3.0098



48.9566, -2.8395, 1.9067



24.1396, -2.0063, 1.0717



42.8315, -22.7281, -4.4722



3.4911, -1.8516, -0.3665

Inverse Universe

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



48.6860, -1.6982, 2.9456



64.1514, -1.7619, 4.0403



49.0952, -2.3833, 3.4120



23.5837, -0.5232, 1.5269



22.2582, 38.1188, 14.3750



1.8144, 3.1076, 1.1688

Previews

White Background



This preview shows how the HunterLab color 49.3684, -3.5202, 2.3853 looks on a white background.

Color Contrast Check

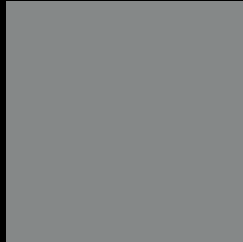
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.3684, -3.5202, 2.3853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

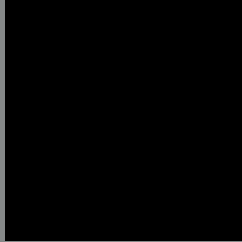
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

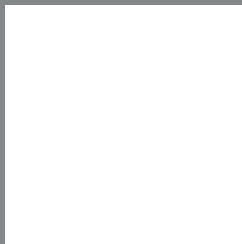
Any Text WCAG AAA × Fail

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

HunterLab 49.3684, -3.5202, 2.3853 Background



This preview shows how black text looks on a background with the HunterLab color 49.3684, -3.5202, 2.3853.



This preview shows how white text looks on a background with the HunterLab color 49.3684, -3.5202,

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

49.3684, -3.5202, 2.3853

Protanopia

49.4778, -1.7393, 2.9901

Deuteranopia

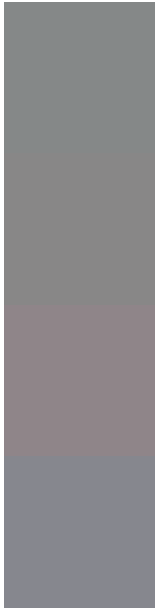
49.3302, 3.5711, 2.0142



Tritanopia

49.4374, -1.2820, -1.6861

Trichromacy



Original Color

49.3684, -3.5202, 2.3853

Protanomaly

49.3066, -2.3324, 2.7790

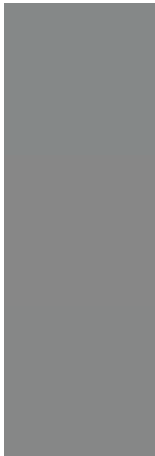
Deuteranomaly

49.4174, 1.0424, 2.0740

Tritanomaly

49.3450, -1.7865, -0.3740

Monochromacy



Original Color

49.3684, -3.5202, 2.3853

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

49.1381, -2.9186, 2.5703

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.3684, -3.5202, 2.3853 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(133, 136, 136)` looks like.

```
.text, #text, p{  
    color:rgb(133, 136, 136)  
}
```

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(133, 136, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 136, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 49.3684, -3.5202, 2.3853 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(133, 136, 136) }
```


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

```
.border{ border-color:rgb(133, 136, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 136, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 136, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 136, 136);  
box-shadow:4px 4px 4px 4px rgb(133, 136,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.3684, -3.5202, 2.3853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 136, 136) }
```

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

```
.background{ background-color: rgb(133,  
136, 136) }
```

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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