

Converting Colors

HunterLab(49.1265, -3.3130,
2.7663)

Have a look what the booklet for
HunterLab(49.1265, -3.3130, 2.7663)
contains.

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Color

**HunterLab(49.0548, -3.2091,
2.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	858787
RGB	133, 135, 135
RGB Percent	52%, 53%, 53%
CMY	0.4784, 0.4706, 0.4706
CMYK	0.01, 0.00, 0.00, 0.47
HSL	180°, 1%, 53%
HSV	180°, 1%, 53%
XYZ	22.7100, 24.0637, 26.3694
YIQ	134.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

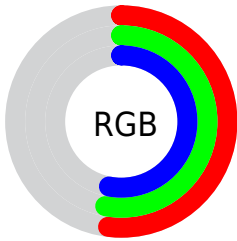
Format	Color
R _Y B	133, 134, 135
Decimal	8750983
CIE Lab	56.15, -0.74, -0.26
CIE LCh	56, 0.783, 199.751
Yxy	24.0648, 0.3105, 0.3290
Android (android.graphics.Color)	4286941063 (0xFF858787)
YUV	134.4020, 0.2948, -1.2296
Hunter-Lab	49.0548, -3.2091, 2.4670

Details

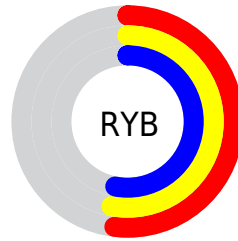
The HunterLab color $49.0548, -3.2091, 2.4670$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $48.6004, -1.9949, 2.8399$, and the grayscale version is $48.9852, -2.6137, 2.6615$.

A 20% lighter version of the original color is $70.7364, -4.4041, 3.6322$, and $30.0628, -1.8771, 1.5419$ is the 20% darker color. If you saturate the color by 10%, you get $47.9949, -6.9560, 1.1436$, and if you desaturate by 10%, it is $50.2351, 0.8576, 3.9088$.

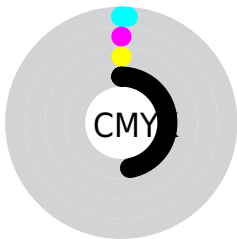
Distribution



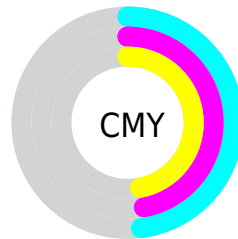
- Red (52%)
- Green (53%)
- Blue (53%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0548, -3.2091, 2.4670 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 49.0548, -3.2091, 2.4670 by changing the saturation by 10% instead.

■ 49.0548, -3.2091,
2.4670

■ 49.0548, -3.2091,
2.4670

■ 165.2718, -9.7131,
8.6930

■ 39.2195, -2.6422,
1.9469

■ 70.8067, -4.4491,
3.6255

■ 30.1458, -2.1114,
1.4686

■ 82.6394, -5.1165,
4.2575

■ 21.9053, -1.6203,
1.0374

■ 95.0664, -5.8139,
4.9225

■ 14.5927, -1.1722,
0.6588

■ 108.0605, -6.5402,
5.6188

■ 8.2531, -0.8298,
0.3164

■ 121.5980, -7.2941,
6.3452

0.0000, NaN, NaN

■ 135.6579, -8.0749,

0.0000, NaN, NaN

7.1003

0.0000, NaN, NaN

150.2215, -8.8815,
7.8833

0.0000, NaN, NaN

■ 49.0548, -3.2091,
2.4670

■ 49.0548, -3.2091,
2.4670

■ 47.9949, -6.9560,
1.1436

■ 50.2351, 0.8576,
3.9088

■ 47.0547, -10.3487,
-0.0532

■ 51.5294, 5.2145,
5.4553

■ 46.2362, -13.3608,
-1.1134

■ 52.9350, 9.8271,
7.0960

■ 45.5396, -15.9706,
-2.0297

■ 54.4473, 14.6628,
8.8196

■ 44.9630, -18.1637,
-2.7976

■ 56.0617, 19.6913,
10.6155

■ 44.5032, -19.9354,
-3.4156

■ 57.7733, 24.8841,
12.4739

■ 44.1548, -21.2918,
-3.8865

■ 59.5770, 30.2160,
14.3860

■ 43.9102, -22.2516,
-4.2169

■ 61.4681, 35.6645,
16.3439

■ 43.7591, -22.8482,
-4.4190

■ 63.4416, 41.2100,
18.3406

Harmonies

Analogous

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



49.0559, -3.2370, 2.7765



49.0548, -3.2091, 2.4670



49.0559, -3.0255, 2.2117

Triad

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



49.0559, -3.2102, 2.4678



49.0559, -2.1395, 2.2824



49.0559, -2.5083, 3.2549

Complementary

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



49.0548, -3.2091, 2.4670



48.6004, -1.9949, 2.8399

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.



49.0559, -2.2134, 3.1244



49.0548, -3.2091, 2.4670



49.0559, -2.0002, 2.5637

Square

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



49.0559, -3.2102, 2.4678



49.0559, -2.4076, 2.1042



49.0559, -2.0272, 2.8718



49.0559, -2.8323, 3.2296

Rectangle

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



49.0548, -3.2091, 2.4670



49.0559, -2.8375, 2.1060



49.0559, -2.0272, 2.8718



49.0559, -2.4024, 3.2278

Sweetspot

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



49.0559, -3.2102, 2.4678



65.8695, -3.5146, 3.5788



49.0017, -3.5132, 3.2834



31.6988, -1.6914, 1.7223



83.1908, -4.4389, 4.5199

Same Dimension

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



49.0559, -3.2102, 2.4678



65.5614, -4.5892, 3.1985



48.7811, -2.7553, 2.1493



23.3482, -1.5922, 1.1531



41.9373, -22.2662, -4.3517



2.4686, -1.3096, -0.2584

Inverse Universe

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



48.6004, -1.9949, 2.8399



64.7217, -2.3483, 3.8848



48.8735, -2.4513, 3.1526



23.0818, -0.8812, 1.3708



21.7948, 37.3259, 14.0709



1.2830, 2.1978, 0.8249

Previews

White Background



This preview shows how the HunterLab color 49.0548, -3.2091, 2.4670 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 49.0548, -3.2091, 2.4670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

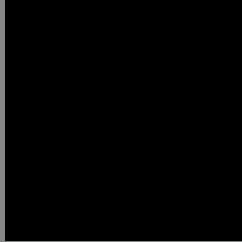
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

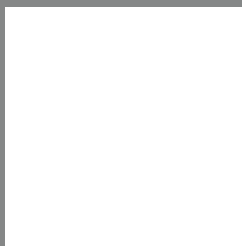
Any Text WCAG AAA × Fail

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

HunterLab 49.0548, -3.2091, 2.4670 Background



This preview shows how black text looks on a background with the HunterLab color 49.0548, -3.2091, 2.4670.



This preview shows how white text looks on a background with the HunterLab color 49.0548, -3.2091, 2.4670.

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

49.0548, -3.2091, 2.4670

Protanopia

49.0814, -1.7193, 2.9682

Deuteranopia

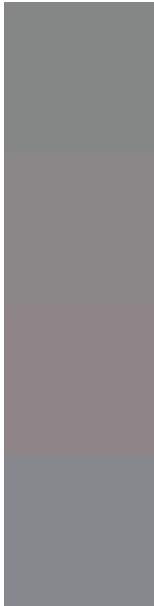
48.9345, 3.5851, 1.9943



Tritanopia

49.1245, -0.9749, -1.5924

Trichromacy



Original Color

49.0548, -3.2091, 2.4670

Protanomaly

48.9956, -2.0163, 2.8624

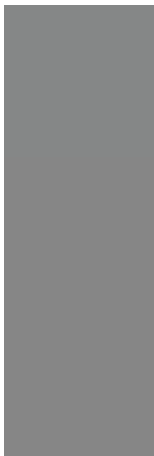
Deuteranomaly

49.0213, 1.0590, 2.0535

Tritanomaly

49.0322, -1.4776, -0.2835

Monochromacy



Original Color

49.0548, -3.2091, 2.4670

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

48.8260, -2.6052, 2.6528

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0548, -3.2091, 2.4670 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, 135, 135)` looks like.

```
.text, #text, p{  
    color:rgb(133, 135, 135)  
}
```

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, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 135, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0548, -3.2091, 2.4670 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, 135, 135) }
```

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

```
.border{ border-color:rgb(133, 135, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 135, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 135, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 135, 135);  
box-shadow:4px 4px 4px 4px rgb(133, 135,  
135) }
```


Background

The CSS property to change the background color of an element to HunterLab 49.0548, -3.2091, 2.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 135, 135) }
```

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

```
.background{ background-color: rgb(133,  
135, 135) }
```

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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