

Converting Colors

HunterLab(48.8345, -4.1872,
2.1218)

Have a look what the booklet for
HunterLab(48.8345, -4.1872, 2.1218)
contains.

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Color

**HunterLab(48.8089, -4.0698,
2.1607)**

Conversions

Conversions Part 1

Format	Color
Hex	828787
RGB	130, 135, 135
RGB Percent	51%, 53%, 53%
CMY	0.4902, 0.4706, 0.4706
CMYK	0.04, 0.00, 0.00, 0.47
HSL	180°, 2%, 52%
HSV	180°, 4%, 53%
XYZ	22.2431, 23.8231, 26.3477
YIQ	133.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

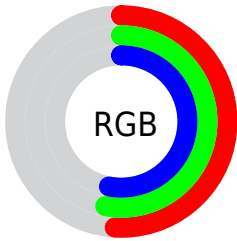
Format	Color
R_{YB}	130, 133, 135
Decimal	8554375
CIE _{Lab}	55.91, -1.84, -0.65
CIE _{LCh}	56, 1.948, 199.382
Yxy	23.8241, 0.3072, 0.3290
Android (android.graphics.Color)	4286744455 (0xFF828787)
YUV	133.5050, 0.7370, -3.0739
Hunter-Lab	48.8089, -4.0698, 2.1607

Details

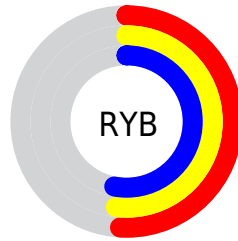
The HunterLab color $48.8089, -4.0698, 2.1607$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $47.6745, -1.0424, 3.0924$, and the grayscale version is $48.6291, -2.5947, 2.6421$.

A 20% lighter version of the original color is $70.4731, -5.3241, 3.3048$, and $29.8366, -2.6690, 1.2601$ is the 20% darker color. If you saturate the color by 10%, you get $47.7760, -7.7391, 0.8603$, and if you desaturate by 10%, it is $49.9628, -0.0734, 3.5817$.

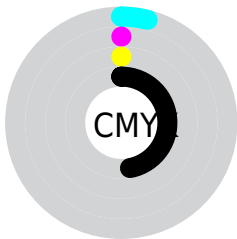
Distribution



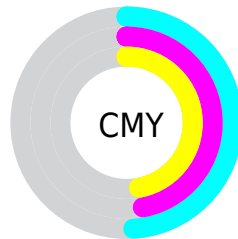
- Red (51%)
- Green (53%)
- Blue (53%)



- Red (51%)
- Yellow (52%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (47%)



- Cyan (49%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.8089, -4.0698, 2.1607 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 48.8089, -4.0698, 2.1607 by changing the saturation by 10% instead.

■ 48.8089, -4.0698,
2.1607

■ 48.8089, -4.0698,
2.1607

164.9030,
-11.0115, 8.2349

■ 38.9913, -3.4396,
1.6624

■ 70.5287, -5.4241,
3.2797

■ 29.9368, -2.8399,
1.2078

■ 82.3467, -6.1440,
3.8935

■ 21.7175, -2.2728,
0.8025

■ 94.7597, -6.8913,
4.5412

■ 14.4288, -1.7386,
0.4532

107.7404, -7.6652,
5.2210

■ 8.0896, -1.4218,
0.1091

121.2651, -8.4649,
5.9314

0.0000, NaN, NaN

135.3126, -9.2897,

0.0000, NaN, NaN

6.6713

0.0000, NaN, NaN

149.8642,
-10.1387, 7.4395

0.0000, NaN, NaN

■ 48.8089, -4.0698,
2.1607

■ 48.8089, -4.0698,
2.1607

■ 47.7760, -7.7391,
0.8603

■ 49.9628, -0.0734,
3.5817

■ 46.8630, -11.0475,
-0.3115

■ 51.2316, 4.2206,
5.1099

■ 46.0721, -13.9699,
-1.3450

■ 52.6126, 8.7779,
6.7345

■ 45.4026, -16.4860,
-2.2334

■ 54.1013, 13.5655,
8.4443

■ 44.8527, -18.5834,
-2.9729

■ 55.6932, 18.5525,
10.2285

■ 44.4186, -20.2597,
-3.5628

■ 57.3834, 23.7101,
12.0770

■ 44.0943, -21.5238,
-4.0066

■ 59.1669, 29.0123,
13.9810

■ 43.8718, -22.3973,
-4.3122

■ 61.0388, 34.4358,
15.9321

■ 43.7396, -22.9192,
-4.4935

■ 62.9942, 39.9606,
17.9233

Harmonies

Analogous

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



48.8099, -4.1319, 2.9297



48.8089, -4.0698, 2.1607



48.8099, -3.6191, 1.5162

Triad

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



48.8099, -4.0709, 2.1615



48.8099, -1.4164, 1.6802



48.8099, -2.3190, 4.0940

Complementary

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



48.8089, -4.0698, 2.1607



47.6745, -1.0424, 3.0924

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.



48.8099, -1.5865, 3.7707



48.8089, -4.0698, 2.1607



48.8099, -1.0632, 2.3824

Square

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



48.8099, -4.0709, 2.1615



48.8099, -2.0879, 1.2352



48.8099, -1.1257, 3.1471



48.8099, -3.1240, 4.0370

Rectangle

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



48.8089, -4.0698, 2.1607



48.8099, -3.1555, 1.2464



48.8099, -1.1257, 3.1471



48.8099, -2.0561, 4.0264

Sweetspot

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



48.8099, -4.0709, 2.1615



65.7147, -4.0539, 3.3873



48.6756, -4.8255, 4.1842



31.6293, -1.9336, 1.6362



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.



48.8099, -4.0709, 2.1615



65.2601, -5.6447, 2.8225



48.1218, -2.9401, 1.3581



23.2050, -2.0940, 0.9746



41.9405, -22.2469, -4.3974



2.4686, -1.3091, -0.2597

Inverse Universe

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



47.6745, -1.0424, 3.0924



63.5837, -1.1731, 4.1970



48.3521, -2.1822, 3.8591



22.5406, -0.3217, 1.5194



21.7943, 37.3240, 14.0784



1.2829, 2.1972, 0.8275

Previews

White Background



This preview shows how the HunterLab color 48.8089, -4.0698, 2.1607 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 48.8089, -4.0698, 2.1607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

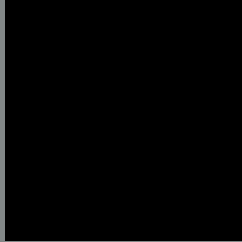
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

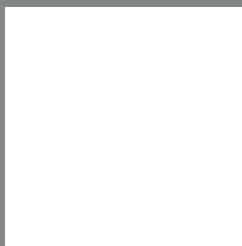
Any Text WCAG AAA × Fail

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

HunterLab 48.8089, -4.0698, 2.1607 Background



This preview shows how black text looks on a background with the HunterLab color 48.8089, -4.0698, 2.1607.



This preview shows how white text looks on a background with the HunterLab color 48.8089, -4.0698,

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

48.8089, -4.0698, 2.1607

Protanopia

48.7140, -1.5437, 2.5394

Deuteranopia

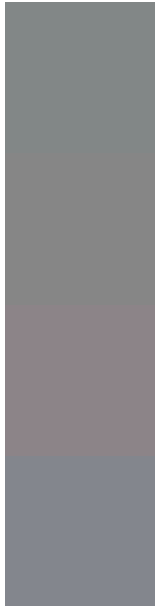
48.8404, 3.2693, 1.8764



Tritanopia

48.8765, -1.8314, -1.9218

Trichromacy



Original Color

48.8089, -4.0698, 2.1607

Protanomaly

48.8260, -2.6052, 2.6528

Deuteranomaly

48.8421, 0.4481, 1.8291

Tritanomaly

48.7838, -2.3383, -0.6069

Monochromacy



Original Color

48.8089, -4.0698, 2.1607

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

48.7421, -2.8971, 2.5489

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.8089, -4.0698, 2.1607 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(130, 135, 135)` looks like.

```
.text, #text, p{  
    color:rgb(130, 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(130, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 135, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 48.8089, -4.0698, 2.1607 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(130, 135, 135) }
```


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

```
.border{ border-color:rgb(130, 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(130, 135, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 135, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 135, 135);  
box-shadow:4px 4px 4px 4px rgb(130, 135,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.8089, -4.0698, 2.1607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 135, 135) }
```

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

```
.background{ background-color: rgb(130,  
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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