

Converting Colors

HunterLab(48.6029, -2.1272,
2.6885)

Have a look what the booklet for
HunterLab(48.6029, -2.1272, 2.6885)
contains.

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Color

**HunterLab(48.5998, -1.9960,
2.8407)**

Conversions

Conversions Part 1

Format	Color
Hex	878585
RGB	135, 133, 133
RGB Percent	53%, 52%, 52%
CMY	0.4706, 0.4784, 0.4784
CMYK	0.00, 0.01, 0.01, 0.47
HSL	0°, 1%, 53%
HSV	0°, 1%, 53%
XYZ	22.6128, 23.6194, 25.5574
YIQ	133.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

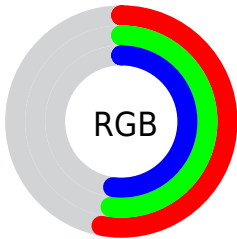
Format	Color
R_{YB}	135, 133, 133
Decimal	8881541
CIE _{Lab}	55.71, 0.75, 0.26
CIE _{LCh}	56, 0.790, 19.072
Yxy	23.6204, 0.3150, 0.3290
Android (android.graphics.Color)	4287071621 (0xFF878585)
YUV	133.5980, -0.2948, 1.2296
Hunter-Lab	48.5998, -1.9960, 2.8407

Details

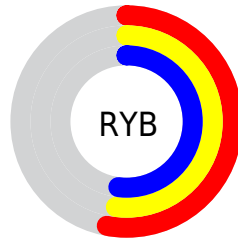
The HunterLab color $48.5998, -1.9960, 2.8407$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $49.0545, -3.2079, 2.4662$, and the grayscale version is $48.6686, -2.5968, 2.6443$.

A 20% lighter version of the original color is $70.2526, -3.1144, 4.0295$, and $29.8530, -1.3180, 1.7141$ is the 20% darker color. If you saturate the color by 10%, you get $44.5115, 2.3517, 4.0109$, and if you desaturate by 10%, it is $52.8678, -6.1746, 1.7416$.

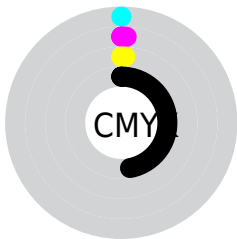
Distribution



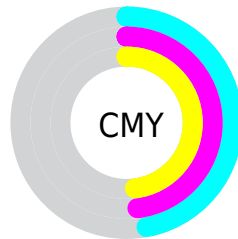
- Red (53%)
- Green (52%)
- Blue (52%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.5998, -1.9960, 2.8407 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 48.5998, -1.9960, 2.8407 by changing the saturation by 10% instead.

■ 48.5998, -1.9960,
2.8407

■ 48.5998, -1.9960,
2.8407

■ 164.5891, -7.8931,
9.2537

■ 38.7973, -1.5166,
2.2936

■ 70.2923, -3.0777,
4.0480

■ 29.7592, -1.0806,
1.7862

■ 82.0977, -3.6725,
4.7024

■ 21.5579, -0.6941,
1.3227

■ 94.4988, -4.3007,
5.3886

■ 14.2896, -0.3639,
0.9078

■ 107.4681, -4.9608,
6.1054

■ 7.9477, -0.0154,
0.5672

■ 120.9818, -5.6513,
6.8513

0.0000, NaN, NaN

■ 135.0188, -6.3709,

0.0000, NaN, NaN

7.6253

0.0000, NaN, NaN

149.5602, -7.1185,
8.4264

0.0000, NaN, NaN

■ 48.5998, -1.9960,
2.8407

■ 48.5998, -1.9960,
2.8407

■ 44.5115, 2.3517,
4.0109

■ 52.8678, -6.1746,
1.7416

■ 40.6290, 6.8873,
5.2572

■ 57.2891, -10.2014,
0.7028

■ 36.9904, 11.6110,
6.5829

■ 61.8457, -14.0992,
-0.2834

■ 33.6415, 16.4937,
7.9815

■ 66.5228, -17.8883,
-1.2248

■ 30.6377, 21.4519,
9.4287

■ 71.3079, -21.5866,
-2.1283

■ 28.0430, 26.3162,
10.8717

■ 76.1910, -25.2097,
-2.9998

■ 25.9236, 30.8085,
12.2220

■ 81.1635, -28.7707,
-3.8444

■ 24.3357, 34.5600,
13.3598

■ 86.2184, -32.2809,
-4.6661

■ 23.3043, 37.2103,
14.1667

■ 91.3497, -35.7497,
-5.4686

Harmonies

Analogous

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



48.6008, -1.9738, 2.5314



48.5998, -1.9960, 2.8407



48.6008, -2.1812, 3.0974

Triad

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



48.6008, -1.9972, 2.8415



48.6008, -3.0723, 3.0376



48.6008, -2.7156, 2.0516

Complementary

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



48.5998, -1.9960, 2.8407



49.0545, -3.2079, 2.4662

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.



48.6008, -3.0091, 2.1891



48.5998, -1.9960, 2.8407



48.6008, -3.2147, 2.7593

Square

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



48.6008, -1.9972, 2.8415



48.6008, -2.8021, 3.2102



48.6008, -3.1916, 2.4487



48.6008, -2.3892, 2.0739

Rectangle

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



48.5998, -1.9960, 2.8407



48.6008, -2.3699, 3.2036



48.6008, -3.1916, 2.4487



48.6008, -2.8213, 2.0807

Sweetspot

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



48.6008, -1.9972, 2.8415



65.8695, -3.5146, 3.5788



48.6575, -1.6825, 2.0223



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.



48.6008, -1.9972, 2.8415



64.7228, -2.3511, 3.8881



48.8824, -2.4671, 3.1627



23.0821, -0.8821, 1.3719



21.8020, 37.2955, 14.0872



1.2854, 2.1877, 0.8304

Inverse Universe

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



49.0545, -3.2079, 2.4662



65.5603, -4.5863, 3.1952



48.7713, -2.7394, 2.1390



23.3478, -1.5913, 1.1521



41.8915, -22.1755, -4.4902



2.4673, -1.3071, -0.2622

Previews

White Background



This preview shows how the HunterLab color 48.5998, -1.9960, 2.8407 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 48.5998, -1.9960, 2.8407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

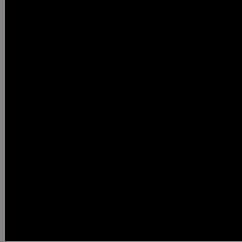
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

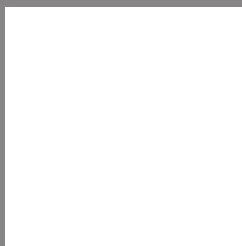
Any Text WCAG AAA × Fail

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

HunterLab 48.5998, -1.9960, 2.8407 Background



This preview shows how black text looks on a background with the HunterLab color 48.5998, -1.9960, 2.8407.



This preview shows how white text looks on a background with the HunterLab color 48.5998, -1.9960,

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

48.5998, -1.9960, 2.8407

Protanopia

48.6855, -1.6993, 2.9463

Deuteranopia

48.5106, 3.4444, 2.3863



Tritanopia

48.6721, 0.2268, -1.1784

Trichromacy



Original Color

48.5998, -1.9960, 2.8407

Protanomaly

48.6855, -1.6993, 2.9463

Deuteranomaly

48.4121, 1.7083, 2.2391

Tritanomaly

48.5807, -0.2693, 0.1198

Monochromacy



Original Color

48.5998, -1.9960, 2.8407

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 48.5998, -1.9960, 2.8407 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(135, 133, 133)` looks like.

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

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(135, 133, 133) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 48.5998, -1.9960, 2.8407 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(135, 133, 133) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to HunterLab 48.5998, -1.9960, 2.8407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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