

Converting Colors

HunterLab(48.9625, -2.3734,
2.9060)

Have a look what the booklet for
HunterLab(48.9625, -2.3734, 2.9060)
contains.

HunterLab(48.9105, -2.3116, 2.7573)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

HunterLab(48.9105, -2.3116,
2.7573)

Conversions

Conversions Part 1

Format	Color
Hex	878686
RGB	135, 134, 134
RGB Percent	53%, 53%, 53%
CMY	0.4706, 0.4745, 0.4745
CMYK	0.00, 0.01, 0.01, 0.47
HSL	0°, 0%, 53%
HSV	0°, 1%, 53%
XYZ	22.8199, 23.9224, 25.9691
YIQ	134.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

Format	Color
RYB	135, 134, 134
Decimal	8881798
CIELab	56.01, 0.37, 0.13
CIELCh	56, 0.394, 18.596
Yxy	23.9234, 0.3138, 0.3290
Android (android.graphics.Color)	4287071878 (0xFF878686)
YUV	134.2990, -0.1474, 0.6148
Hunter-Lab	48.9105, -2.3116, 2.7573

Details

The HunterLab color $48.9105, -2.3116, 2.7573$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $49.1379, -2.9175, 2.5696$, and the grayscale version is $48.9457, -2.6116, 2.6593$.

A 20% lighter version of the original color is $70.5832, -3.4495, 3.9410$, and $29.8530, -1.3180, 1.7141$ is the 20% darker color. If you saturate the color by 10%, you get $44.8120, 2.0157, 3.9265$, and if you desaturate by 10%, it is $53.1864, -6.4714, 1.6580$.

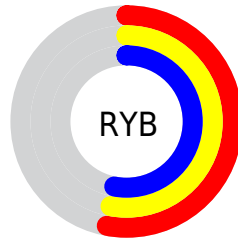
Distribution



Red (53%)

Green (53%)

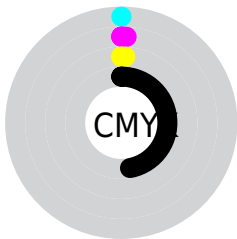
Blue (53%)



Red (53%)

Yellow (53%)

Blue (53%)

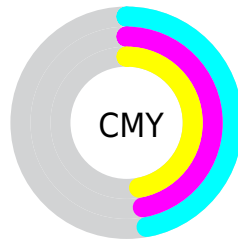


Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (47%)



Cyan (47%)

Magenta (47%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9105, -2.3116, 2.7573 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 48.9105, -2.3116, 2.7573 by changing the saturation by 10% instead.

■ 48.9105, -2.3116,
2.7573

■ 48.9105, -2.3116,
2.7573

165.0554, -8.3666,
9.1280

■ 39.0856, -1.8095,
2.2163

■ 70.6436, -3.4345,
3.9535

■ 30.0231, -1.3488,
1.7155

■ 82.4677, -4.0482,
4.6029

■ 21.7950, -0.9350,
1.2594

■ 94.8864, -4.6944,
5.2843

■ 14.4965, -0.5742,
0.8528

107.8727, -5.3717,
5.9964

■ 8.1576, -0.2364,
0.5078

121.4027, -6.0787,
6.7379

0.0000, NaN, NaN

135.4553, -6.8143,

0.0000, NaN, NaN

7.5077

0.0000, NaN, NaN

150.0119, -7.5772,
8.3047

0.0000, NaN, NaN

■ 48.9105, -2.3116,
2.7573

■ 48.9105, -2.3116,
2.7573

■ 44.8120, 2.0157,
3.9265

■ 53.1864, -6.4714,
1.6580

■ 40.9166, 6.5302,
5.1705

■ 57.6136, -10.4811,
0.6178

■ 37.2615, 11.2334,
6.4931

■ 62.1749, -14.3635,
-0.3708

■ 33.8915, 16.0995,
7.8885

■ 66.8553, -18.1385,
-1.3155

■ 30.8614, 21.0508,
9.3337

■ 71.6428, -21.8241,
-2.2231

■ 28.2342, 25.9264,
10.7786

■ 76.5274, -25.4353,
-3.0994

■ 26.0763, 30.4578,
12.1376

■ 81.5008, -28.9855,
-3.9492

■ 24.4451, 34.2822,
13.2928

■ 86.5560, -32.4855,
-4.7766

■ 23.3691, 37.0337,
14.1246

■ 91.5920, -35.9452,
-5.4329

Harmonies

Analogous

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



48.9116, -2.3025, 2.6030



48.9105, -2.3116, 2.7573



48.9116, -2.4034, 2.8872

Triad

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



48.9116, -2.3128, 2.7581



48.9116, -2.8490, 2.8606



48.9116, -2.6748, 2.3670

Complementary

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



48.9105, -2.3116, 2.7573



49.1379, -2.9175, 2.5696

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.



48.9116, -2.8211, 2.4365



48.9105, -2.3116, 2.7573



48.9116, -2.9216, 2.7217

Square

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



48.9116, -2.3128, 2.7581



48.9116, -2.7131, 2.9462



48.9116, -2.9114, 2.5665



48.9116, -2.5117, 2.3768

Rectangle

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



48.9105, -2.3116, 2.7573



48.9116, -2.4971, 2.9412



48.9116, -2.9114, 2.5665



48.9116, -2.7276, 2.3819

Sweetspot

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



48.9116, -2.3128, 2.7581



65.8695, -3.5146, 3.5788



48.9396, -2.1549, 2.3486



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.



48.9116, -2.3128, 2.7581



65.2955, -2.9350, 3.7336



49.0523, -2.5472, 2.9192



23.2639, -1.0672, 1.3230



21.8091, 37.2713, 14.0911



1.2878, 2.1797, 0.8317

Inverse Universe

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



49.1379, -2.9175, 2.5696



65.7135, -4.0518, 3.3855



48.9967, -2.6835, 2.4070



23.3965, -1.4215, 1.2125



41.8464, -22.1221, -4.5492



2.4661, -1.3057, -0.2638

Previews

White Background



This preview shows how the HunterLab color 48.9105, -2.3116, 2.7573 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 48.9105, -2.3116, 2.7573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

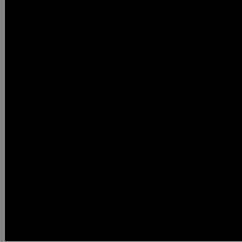
Any Text WCAG AA ✓ Pass

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 48.9105, -2.3116, 2.7573 Background



This preview shows how black text looks on a background with the HunterLab color 48.9105, -2.3116, 2.7573.



This preview shows how white text looks on a background with the HunterLab color 48.9105, -2.3116, 2.7573.

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

48.9105, -2.3116, 2.7573

Protanopia

49.0814, -1.7193, 2.9682

Deuteranopia

48.9056, 3.4302, 2.4067



Tritanopia

48.9821, -0.0847, -1.2742

Trichromacy



Original Color

48.9105, -2.3116, 2.7573

Protanomaly

48.9956, -2.0163, 2.8624

Deuteranomaly

48.8073, 1.6924, 2.2597

Tritanomaly

48.8904, -0.5826, 0.0273

Monochromacy



Original Color

48.9105, -2.3116, 2.7573

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 48.9105, -2.3116, 2.7573 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, 134, 134)` looks like.

```
.text, #text, p{  
    color:rgb(135, 134, 134)  
}
```

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, 134, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 134, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9105, -2.3116, 2.7573 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, 134, 134) }
```

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

```
.border{ border-color:rgb(135, 134, 134) }
```

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

Here you see how a box with a 4 pixel rgb(135, 134, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 134, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 134, 134);  
box-shadow:4px 4px 4px 4px rgb(135, 134,  
134) }
```


Background

The CSS property to change the background color of an element to HunterLab 48.9105, -2.3116, 2.7573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 134, 134) }
```

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

```
.background{ background-color: rgb(135,  
134, 134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor