

Converting Colors

HunterLab(47.4412, -2.5379,
2.5789)

Have a look what the booklet for
HunterLab(47.4412, -2.5379, 2.5789)
contains.

HunterLab(47.5291, -2.9883, 2.8899)	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(47.5291, -2.9883,
2.8899)

Conversions

Conversions Part 1

Format	Color
Hex	828382
RGB	130, 131, 130
RGB Percent	51%, 51%, 51%
CMY	0.4902, 0.4863, 0.4902
CMYK	0.01, 0.00, 0.01, 0.49
HSL	120°, 0%, 51%
HSV	120°, 1%, 51%
XYZ	21.3515, 22.5902, 24.3541
YIQ	130.5870, -0.2750, -0.5230

Conversions

Conversions Part 2

Format	Color
R_{YB}	130, 131, 131
Decimal	8553346
CIE Lab	54.65, -0.57, 0.40
CIE LCh	55, 0.697, 144.675
Yxy	22.5911, 0.3126, 0.3308
Android (android.graphics.Color)	4286743426 (0xFF828382)
YUV	130.5870, -0.2894, -0.5148
Hunter-Lab	47.5291, -2.9883, 2.8899

Details

The HunterLab color $47.5291, -2.9883, 2.8899$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $47.3602, -2.0721, 2.2638$, and the grayscale version is $47.4803, -2.5334, 2.5797$.

A 20% lighter version of the original color is $69.1138, -4.1694, 4.0827$, and $28.9448, -1.9604, 1.8555$ is the 20% darker color. If you saturate the color by 10%, you get $46.1417, -8.6208, 6.6949$, and if you desaturate by 10%, it is $49.0595, 3.0238, -1.1706$.

Distribution



Red (51%)

Green (51%)

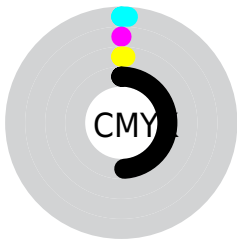
Blue (51%)



Red (51%)

Yellow (51%)

Blue (51%)



Cyan (1%)

Magenta (0%)

Yellow (1%)

Black (49%)



Cyan (49%)

Magenta (49%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.5291, -2.9883, 2.8899 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 47.5291, -2.9883, 2.8899 by changing the saturation by 10% instead.

■ 47.5291, -2.9883,
2.8899

■ 47.5291, -2.9883,
2.8899

162.9779, -9.3853,
9.3298

■ 37.8046, -2.4367,
2.3388

■ 69.0804, -4.2005,
4.1042

■ 28.8513, -1.9224,
1.8271

■ 80.8211, -4.8551,
4.7619

■ 20.7435, -1.4494,
1.3587

■ 93.1606, -5.5403,
5.4512

■ 13.5810, -1.0216,
0.9383

106.0710, -6.2549,
6.1708

■ 7.1738, -0.7285,
0.6233

119.5282, -6.9977,
6.9195

0.0000, NaN, NaN

0.0000, NaN, NaN

133.5108, -7.7676,

7.6962

0.0000, NaN, NaN

147.9997, -8.5637,
8.4999

0.0000, NaN, NaN

■ 47.5291, -2.9883,
2.8899

■ 47.5291, -2.9883,
2.8899

■ 46.1417, -8.6208,
6.6949

■ 49.0595, 3.0238,
-1.1706

■ 44.9000, -13.8093,
10.2006

■ 50.7234, 9.3595,
-5.4487

■ 43.8094, -18.4946,
13.3669

■ 52.5145, 15.9630,
-9.9065

■ 42.8728, -22.6218,
16.1567

■ 54.4256, 22.7851,
-14.5108

■ 42.0907, -26.1460,
18.5391

■ 56.4494, 29.7829,
-19.2325

■ 41.4612, -29.0368,
20.4937

■ 58.5785, 36.9201,
-24.0470

■ 40.9795, -31.2834,
22.0129

■ 60.8061, 44.1662,
-28.9337

■ 40.6371, -32.8988,
23.1054

■ 63.1257, 51.4962,
-33.8759

■ 40.4217, -33.9234,
23.7985

■ 65.5310, 58.8901,
-38.8599

Harmonies

Analogous

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



47.5301, -2.7695, 3.0632



47.5291, -2.9883, 2.8899



47.5301, -3.0885, 2.6360

Triad

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



47.5301, -2.9894, 2.8907



47.5301, -2.5900, 2.0599



47.5301, -2.0346, 2.8065

Complementary

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



47.5291, -2.9883, 2.8899



47.3602, -2.0721, 2.2638

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.



47.5301, -1.9862, 2.5383



47.5291, -2.9883, 2.8899



47.5301, -2.3073, 2.1062

Square

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



47.5301, -2.9894, 2.8907



47.5301, -2.8583, 2.1556



47.5301, -2.0862, 2.2817



47.5301, -2.2181, 3.0148

Rectangle

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



47.5291, -2.9883, 2.8899



47.5301, -3.0729, 2.4536



47.5301, -2.0862, 2.2817



47.5301, -2.0020, 2.7204

Sweetspot

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



47.5301, -2.9894, 2.8907



63.7533, -3.4017, 3.4638



47.6138, -2.6977, 2.9937



30.7619, -1.6414, 1.6714



82.0889, -4.3801, 4.4600

Same Dimension

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



47.5301, -2.9894, 2.8907



63.5529, -4.2015, 4.0041



47.5443, -2.9116, 2.6882



23.3802, -1.5138, 1.4514



39.9732, -34.2768, 24.0307



2.3528, -2.0174, 1.4143

Inverse Universe

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



47.3602, -2.0721, 2.2638



63.2489, -2.5604, 2.8827



47.3459, -2.1504, 2.4679



23.2803, -0.9747, 1.0830



25.2240, 49.5903, -33.2617



1.4847, 2.9189, -1.9580

Previews

White Background



This preview shows how the HunterLab color 47.5291, -2.9883, 2.8899 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 47.5291, -2.9883, 2.8899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

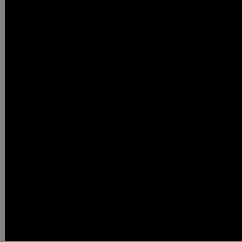
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

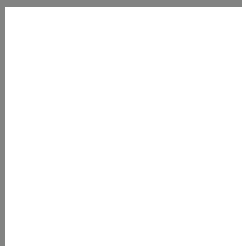
Any Text WCAG AAA × Fail

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

HunterLab 47.5291, -2.9883, 2.8899 Background



This preview shows how black text looks on a background with the HunterLab color 47.5291, -2.9883, 2.8899.



This preview shows how white text looks on a background with the HunterLab color 47.5291, -2.9883, 2.8899.

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

47.5291, -2.9883, 2.8899

Protanopia

47.4729, -1.7933, 3.2825

Deuteranopia

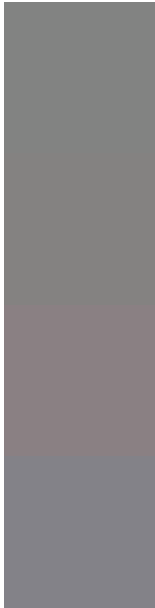
47.5995, 3.0037, 2.6367



Tritanopia

47.7119, -0.3214, -1.4375

Trichromacy



Original Color

47.5291, -2.9883, 2.8899

Protanomaly

47.3875, -2.0893, 3.1779

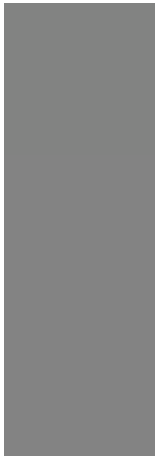
Deuteranomaly

47.4134, 0.9699, 2.3815

Tritanomaly

47.5059, -1.2737, 0.1803

Monochromacy



Original Color

47.5291, -2.9883, 2.8899

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.6409, -2.5420, 2.5884

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.5291, -2.9883, 2.8899 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, 131, 130)` looks like.

```
.text, #text, p{  
    color:rgb(130, 131, 130)  
}
```

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, 131, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 131, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 47.5291, -2.9883, 2.8899 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, 131, 130) }
```

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

```
.border{ border-color:rgb(130, 131, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 131, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 131, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 131, 130);  
box-shadow:4px 4px 4px 4px rgb(130, 131,  
130) }
```


Background

The CSS property to change the background color of an element to HunterLab 47.5291, -2.9883, 2.8899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 131, 130) }
```

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

```
.background{ background-color: rgb(130,  
131, 130) }
```

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