

Converting Colors

HunterLab(47.5643, -3.0934,
31.2694)

Have a look what the booklet for
HunterLab(47.5643, -3.0934,
31.2694) contains.

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Color

HunterLab(47.8211, -2.4834,
29.4237)

Conversions

Conversions Part 1

Format	Color
Hex	9D8100
RGB	157, 129, 0
RGB Percent	62%, 51%, 0%
CMY	0.3843, 0.4941, 1.0000
CMYK	0.00, 0.18, 1.00, 0.38
HSL	49°, 100%, 31%
HSV	49°, 100%, 62%
XYZ	21.7549, 22.8686, 3.2674
YIQ	122.6660, 58.0970, -34.1830

Conversions

Conversions Part 2

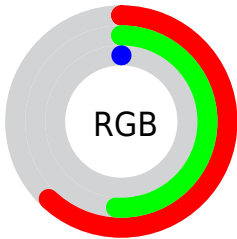
Format	Color
R_{YB}	34, 157, 0
Decimal	10322176
CIE _{Lab}	54.94, 0.09, 60.15
CIE _{LCh}	55, 60.153, 89.918
Yxy	22.8697, 0.4542, 0.4775
Android (android.graphics.Color)	4288512256 (0xFF9D8100)
YUV	122.6660, -60.4743, 30.1109
Hunter-Lab	47.8211, -2.4834, 29.4237

Details

The HunterLab color **47.8211, -2.4834, 29.4237** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **18.0693, 32.6013, -92.9604**, and the grayscale version is **44.5881, -2.3791, 2.4226**.

A 20% lighter version of the original color is **69.2186, -3.5616, 37.9054**, and **29.1617, -0.6231, 17.9584** is the 20% darker color. If you saturate the color by 10%, you get **47.8219, -2.4850, 29.4241**, and if you desaturate by 10%, it is **48.6354, -3.5586, 29.3228**.

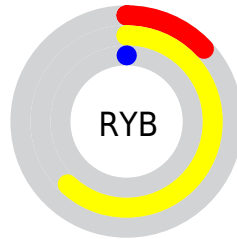
Distribution



Red (62%)

Green (51%)

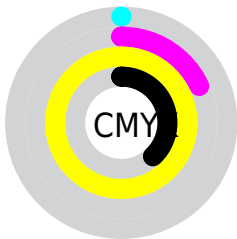
Blue (0%)



Red (13%)

Yellow (62%)

Blue (0%)

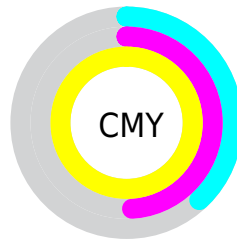


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8211, -2.4834, 29.4237 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 47.8211, -2.4834, 29.4237 by changing the saturation by 10% instead.

47.8211, -2.4834,
29.4237

47.8211, -2.4834,
29.4237

163.4182, -8.6248,
63.7070

38.0753, -1.9699,
24.7328

69.4113, -3.6295,
38.0963

29.0987, -1.4959,
20.3571

81.1697, -4.2534,
42.1372

20.9653, -1.0676,
14.6757

93.5261, -4.9094,
46.0184

13.7736, -0.6903,
9.6415

106.4526, -5.5960,
49.7626

7.3936, -0.3440,
5.1755

119.9253, -6.3120,
53.3890

0.0000, NaN, NaN

0.0000, NaN, NaN


133.9228, -7.0561,


56.9133


0.0000, NaN, NaN

 148.4261, -7.8274,
60.3489


0.0000, NaN, NaN


 47.8211, -2.4834,
29.4237

 47.8211, -2.4834,
29.4237


 47.8219, -2.4850,
29.4241

 48.6354, -3.5586,
29.3228

 49.4840, -4.4748,
28.8263

 50.3789, -5.1723,
27.7742

 51.3228, -5.6333,
26.1261

 52.3174, -5.8467,
23.8585

■ 53.3636, -5.8060,
20.9607

■ 54.4618, -5.5090,
17.4318

■ 55.6120, -4.9561,
13.2783

■ 56.8137, -4.1506,
8.5127

Harmonies

Analogous

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



47.8223, 23.8922, 27.6241



47.8211, -2.4834, 29.4237



47.8223, -24.1703, 27.6456

Triad

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



47.8223, -2.4855, 29.4241



47.8223, -37.3832, -26.1446



47.8223, 46.3345, -26.3204

Complementary

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



47.8211, -2.4834, 29.4237



18.0693, 32.6013, -92.9604

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.



47.8223, 23.7486, -56.0999



47.8211, -2.4834, 29.4237



47.8223, -24.2671, -55.9670

Square

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



47.8223, -2.4855, 29.4241



47.8223, -41.6363, 2.6684



47.8223, -2.6229, -69.0242



47.8223, 55.3684, 2.5377

Rectangle

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



47.8211, -2.4834, 29.4237



47.8223, -33.9538, 23.6253



47.8223, -2.6229, -69.0242



47.8223, 39.8748, -36.9954

Sweetspot

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



47.8223, -2.4855, 29.4241



72.7961, -7.4050, 23.6264



26.9367, 46.4538, 14.8829



33.8759, -3.5618, 11.9844



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



47.8223, -2.4855, 29.4241



63.7992, -2.9948, 39.2603



52.2085, -29.2943, 31.6575



27.4208, -1.9664, 3.9198



43.1540, -2.3330, 26.5505



6.1735, -0.9602, 3.7872

Inverse Universe

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



18.0693, 32.6013, -92.9604



23.7579, 45.1380, -127.1353



17.6225, 43.9897, -95.6900



25.7237, -0.7749, -1.2342



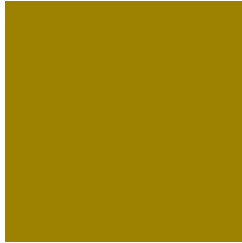
16.4085, 28.9457, -82.9947



3.0754, 1.4666, -7.0099

Previews

White Background



This preview shows how the HunterLab color 47.8211, -2.4834, 29.4237 looks on a white background.

Color Contrast Check

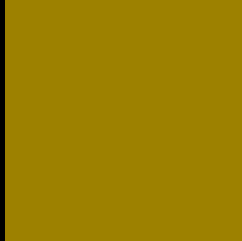
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.8211, -2.4834, 29.4237 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 47.8211, -2.4834, 29.4237 Background



This preview shows how black text looks on a background with the HunterLab color 47.8211, -2.4834, 29.4237.

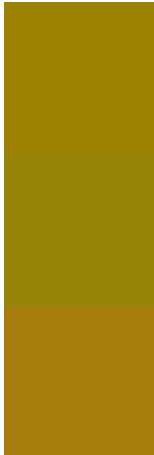


This preview shows how white text looks on a background with the HunterLab color 47.8211, -2.4834,

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

47.8211, -2.4834, 29.4237

Protanopia

47.8594, -6.6297, 29.1612

Deuteranopia

47.8663, 3.2820, 29.0808



Tritanopia

47.8648, 13.1551, 3.9981

Trichromacy



Original Color

47.8211, -2.4834, 29.4237

Protanomaly

47.8715, -5.1468, 29.2658

Deuteranomaly

47.6716, 1.2310, 29.1108

Tritanomaly

47.2781, 5.2479, 19.2136

Monochromacy



Original Color

47.8211, -2.4834, 29.4237

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

45.1311, -5.0166, 18.2528

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8211, -2.4834, 29.4237 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(157, 129, 0)` looks like.

```
.text, #text, p{  
    color:rgb(157, 129, 0)  
}
```

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(157, 129, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 129, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8211, -2.4834, 29.4237 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(157, 129, 0) }
```


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

```
.border{ border-color:rgb(157, 129, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 129, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 129, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 129, 0);  
box-shadow:4px 4px 4px 4px rgb(157, 129,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.8211, -2.4834, 29.4237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 129, 0) }
```

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

```
.background{ background-color: rgb(157,  
129, 0) }
```

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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