

Converting Colors

HunterLab(48.0448, -9.1564,
21.3131)

Have a look what the booklet for
HunterLab(48.0448, -9.1564,
21.3131) contains.

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Color

HunterLab(48.1189, -9.0877,
21.2896)

Conversions

Conversions Part 1

Format	Color
Hex	89874B
RGB	137, 135, 75
RGB Percent	54%, 53%, 29%
CMY	0.4627, 0.4706, 0.7059
CMYK	0.00, 0.01, 0.45, 0.46
HSL	58°, 29%, 42%
HSV	58°, 45%, 54%
XYZ	20.2505, 23.1543, 10.0585
YIQ	128.7580, 20.4520, -18.2360

Conversions

Conversions Part 2

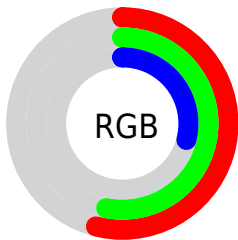
Format	Color
R_{YB}	77, 137, 75
Decimal	9013067
CIE Lab	55.23, -8.40, 32.40
CIE LCh	55, 33.473, 104.534
Yxy	23.1553, 0.3788, 0.4331
Android (android.graphics.Color)	4287203147 (0xFF89874B)
YUV	128.7580, -26.5027, 7.2282
Hunter-Lab	48.1189, -9.0877, 21.2896

Details

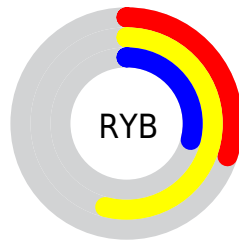
The HunterLab color **48.1189, -9.0877, 21.2896** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **29.3419, 9.9170, -29.5686**, and the grayscale version is **46.8545, -2.5000, 2.5457**.

A 20% lighter version of the original color is **69.7521, -10.9437, 26.2974**, and **29.4461, -7.3773, 15.8033** is the 20% darker color. If you saturate the color by 10%, you get **47.8170, -9.8787, 23.7646**, and if you desaturate by 10%, it is **48.4633, -8.0776, 18.2391**.

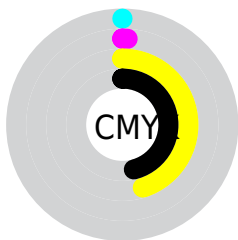
Distribution



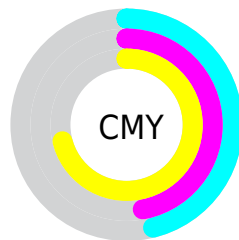
- Red (54%)
- Green (53%)
- Blue (29%)



- Red (30%)
- Yellow (54%)
- Blue (29%)



- Cyan (0%)
- Magenta (1%)
- Yellow (45%)
- Black (46%)



- Cyan (46%)
- Magenta (47%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.1189, -9.0877, 21.2896 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 48.1189, -9.0877, 21.2896 by changing the saturation by 10% instead.

■ 48.1189, -9.0877,
21.2896

■ 48.1189, -9.0877,
21.2896

163.8664,
-18.7121, 41.7664

■ 38.3513, -8.0654,
18.6029

■ 69.7483, -11.1478,
26.2838

■ 29.3511, -7.0370,
15.7357

■ 81.5248, -12.1897,
28.6438

■ 21.1916, -5.9928,
12.6625

■ 93.8983, -13.2428,
30.9369

■ 13.9705, -4.9121,
9.7794

■ 106.8412,
-14.3084, 33.1761

■ 7.6106, -5.2161,
5.3274

■ 120.3296,
-15.3876, 35.3714

0.0000, NaN, NaN

0.0000, NaN, NaN

134.3423,

-16.4810, 37.5308

0.0000, NaN, NaN

148.8602,
-17.5891, 39.6607

0.0000, NaN, NaN

■ 48.1189, -9.0877,
21.2896

■ 48.1189, -9.0877,
21.2896

■ 47.8170, -9.8787,
23.7646

■ 48.4633, -8.0776,
18.2391

■ 47.5524, -10.4549,
25.6855

■ 48.8486, -6.8374,
14.5962

■ 47.3236, -10.8304,
27.0843

■ 49.2770, -5.3649,
10.3526

■ 47.1277, -11.0213,
28.0024

■ 49.7495, -3.6587,
5.5055

■ 46.9600, -11.0536,
28.5073

■ 50.2669, -1.7195,
0.0574

■ 46.8840, -11.0495,
28.6962

■ 50.8294, 0.4501,
-5.9843

■ 51.4374, 2.8460,
-12.6078

■ 52.0907, 5.4625,
-19.7980

■ 52.7893, 8.2928,
-27.5365

Harmonies

Analogous

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



48.1200, 4.7590, 21.2320



48.1189, -9.0877, 21.2896



48.1200, -19.9011, 17.4353

Triad

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



48.1200, -9.0893, 21.2901



48.1200, -20.1626, -18.8165



48.1200, 25.9625, -4.6581

Complementary

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



48.1189, -9.0877, 21.2896



29.3419, 9.9170, -29.5686

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.



48.1200, 17.6244, -19.2319



48.1189, -9.0877, 21.2896



48.1200, -9.4853, -28.8542

Square

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



48.1200, -9.0893, 21.2901



48.1200, -25.7849, -4.2009



48.1200, 4.3156, -29.0248



48.1200, 26.0998, 8.5675

Rectangle

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



48.1189, -9.0877, 21.2896



48.1200, -24.3819, 12.3107



48.1200, 4.3156, -29.0248



48.1200, 23.9871, -9.6318

Sweetspot

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



48.1200, -9.0893, 21.2901



66.0006, -6.9769, 13.2754



32.9962, 18.9374, 8.0248



31.2039, -3.4943, 6.8307



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.



48.1200, -9.0893, 21.2901



63.9919, -13.2141, 31.7837



46.4668, -18.2856, 19.8186



24.1201, -2.1183, 3.6353



45.2535, -10.6699, 27.6982



3.7424, -0.9491, 2.2895

Inverse Universe

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



29.3419, 9.9170, -29.5686



34.0057, 18.3908, -52.6201



31.2692, 17.9641, -25.2927



22.1730, -0.2678, -1.3317



13.3233, 33.6560, -89.3067



1.2141, 2.2452, -6.3643

Previews

White Background



This preview shows how the HunterLab color 48.1189, -9.0877, 21.2896 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 48.1189, -9.0877, 21.2896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

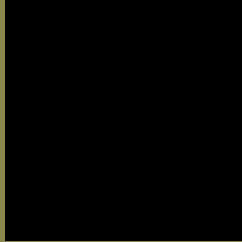
Any Text WCAG AA ✓ Pass

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 48.1189, -9.0877, 21.2896 Background



This preview shows how black text looks on a background with the HunterLab color 48.1189, -9.0877, 21.2896.



This preview shows how white text looks on a background with the HunterLab color 48.1189, -9.0877,

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

48.1189, -9.0877, 21.2896

Protanopia

47.9757, -5.2127, 21.4647

Deuteranopia

47.9944, 3.4046, 20.9599



Tritanopia

48.1691, 3.9301, 0.1543

Trichromacy



Original Color

48.1189, -9.0877, 21.2896

Protanomaly

47.9794, -6.6594, 21.4423

Deuteranomaly

47.8516, -1.2873, 20.9915

Tritanomaly

48.0969, -1.7971, 9.6113

Monochromacy



Original Color

48.1189, -9.0877, 21.2896

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

47.1617, -5.3510, 10.7785

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.1189, -9.0877, 21.2896 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(137, 135, 75)` looks like.

```
.text, #text, p{  
    color:rgb(137, 135, 75)  
}
```

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(137, 135, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 135, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 48.1189, -9.0877, 21.2896 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(137, 135, 75) }
```


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

```
.border{ border-color:rgb(137, 135, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 135, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 135, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 135, 75);  
box-shadow:4px 4px 4px 4px rgb(137, 135,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.1189, -9.0877, 21.2896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 135, 75) }
```

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

```
.background{ background-color: rgb(137,  
135, 75) }
```

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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