

Converting Colors

HunterLab(38.3340, -19.3101,
14.2085)

Have a look what the booklet for
HunterLab(38.3340, -19.3101,
14.2085) contains.

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Color

**HunterLab(38.4909,
-19.4469, 14.4521)**

Conversions

Conversions Part 1

Format	Color
Hex	497646
RGB	73, 118, 70
RGB Percent	29%, 46%, 27%
CMY	0.7137, 0.5372, 0.7255
CMYK	0.38, 0.00, 0.41, 0.54
HSL	116°, 26%, 37%
HSV	116°, 41%, 46%
XYZ	10.3316, 14.8155, 8.1095
YIQ	99.0730, -11.4120, -24.4680

Conversions

Conversions Part 2

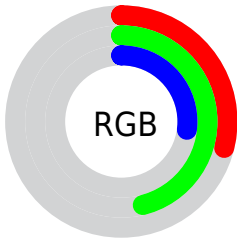
Format	Color
RYB	70, 118, 115
Decimal	4814406
CIELab	45.38, -25.95, 21.68
CIELCh	45, 33.814, 140.120
Yxy	14.8161, 0.3107, 0.4455
Android (android.graphics.Color)	4283004486 (0xFF497646)
YUV	99.0730, -14.3330, -22.8660
Hunter-Lab	38.4909, -19.4469, 14.4521

Details

The HunterLab color $[38.4909, -19.4469, 14.4521]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[30.5509, 19.7510, -14.0930]$, and the grayscale version is $[35.4062, -1.8892, 1.9237]$.

A 20% lighter version of the original color is $[58.9430, -23.7929, 18.3484]$, and $[21.2618, -14.7062, 10.2793]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.7982, -22.5576, 16.5750]$, and if you desaturate by 10%, it is $[39.3082, -15.8591, 11.9630]$.

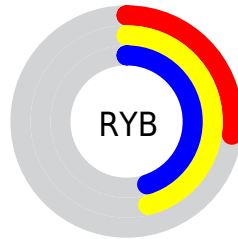
Distribution



Red (29%)

Green (46%)

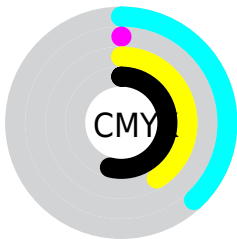
Blue (27%)



Red (27%)

Yellow (46%)

Blue (45%)

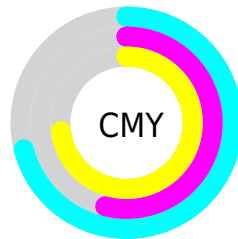


Cyan (38%)

Magenta (0%)

Yellow (41%)

Black (54%)



Cyan (71%)

Magenta (54%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.4909, -19.4469, 14.4521 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 38.4909, -19.4469, 14.4521 by changing the saturation by 10% instead.

■ 38.4909, -19.4469,
14.4521

■ 38.4909, -19.4469,
14.4521

149.0807,
-36.9536, 30.1619

■ 29.4795, -17.1751,
12.4369

■ 58.7625, -23.6669,
18.2066

■ 21.3069, -14.7308,
10.2749

■ 69.9196, -25.6685,
19.9937

■ 14.0708, -12.0233,
8.4243

■ 81.7052, -27.6207,
21.7412

■ 7.7184, -13.5073,
5.4029

■ 94.0874, -29.5348,
23.4590

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.0387,
-31.4194, 25.1548

0.0000, NaN, NaN

120.5351,

0.0000, NaN, NaN

-33.2807, 26.8344

0.0000, NaN, NaN

134.5554,
-35.1241, 28.5022

■ 38.4909, -19.4469,
14.4521

■ 38.4909, -19.4469,
14.4521

■ 37.7982, -22.5576,
16.5750

■ 39.3082, -15.8591,
11.9630

■ 37.2269, -25.1635,
18.3156

■ 40.2469, -11.8276,
9.1303

■ 36.7747, -27.2528,
19.6695

■ 41.3055, -7.3952,
5.9833

■ 36.4363, -28.8291,
20.6452

■ 42.4805, -2.6075,
2.5545

■ 36.2038, -29.9150,
21.2664

■ 43.7677, 2.4892,
-1.1227

■ 36.0624, -30.5845,
21.6861

■ 45.1622, 7.8502,
-5.0151

■ 46.6585, 13.4334,
-9.0916

■ 48.2513, 19.2011,
-13.3235

■ 49.9349, 25.1197,
-17.6852

Harmonies

Analogous

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



38.4917, -10.2958, 18.4217



38.4909, -19.4469, 14.4521



38.4917, -23.7480, 5.9623

Triad

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



38.4917, -19.4476, 14.4524



38.4917, -6.2588, -29.5320



38.4917, 24.3896, 9.4210

Complementary

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



38.4909, -19.4469, 14.4521



30.5509, 19.7510, -14.0930

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.



38.4917, 25.8481, -2.2201



38.4909, -19.4469, 14.4521



38.4917, 6.9413, -27.6513

Square

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



38.4917, -19.4476, 14.4524



38.4917, -16.8309, -21.0311



38.4917, 19.1049, -16.5197



38.4917, 15.3504, 16.2581

Rectangle

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



38.4909, -19.4469, 14.4521



38.4917, -23.7341, -2.3293



38.4917, 19.1049, -16.5197



38.4917, 25.8251, 6.0498

Sweetspot

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



38.4917, -19.4476, 14.4524



54.5326, -10.7921, 8.6367



40.6329, -6.5954, 16.4672



26.0829, -5.4458, 4.3342



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



38.4917, -19.4476, 14.4524



50.1587, -29.7368, 21.8604



38.7446, -17.6579, 8.4877



20.2685, -3.2383, 2.6557



37.5058, -31.8230, 22.5538



82.7139, -70.5953, 49.7320

Inverse Universe

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



30.5509, 19.7510, -14.0930



37.5211, 33.0345, -23.9232



30.1646, 17.2097, -3.4375



19.3568, 1.2150, -0.5796



22.4569, 44.7592, -34.3341



49.4334, 98.6056, -76.1905

Previews

White Background



This preview shows how the HunterLab color 38.4909, -19.4469, 14.4521 looks on a white 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

Black Background



This preview shows how the HunterLab color 38.4909, -19.4469, 14.4521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

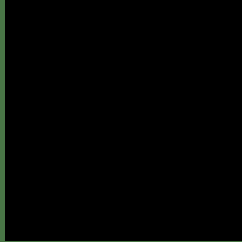
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 38.4909, -19.4469, 14.4521 Background



This preview shows how black text looks on a background with the HunterLab color 38.4909, -19.4469, 14.4521.



This preview shows how white text looks on a background with the HunterLab color 38.4909,

-19.4469, 14.4521.

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

38.4909, -19.4469, 14.4521

Protanopia

38.3284, -3.8440, 15.5774

Deuteranopia

38.1921, 2.7535, 13.5246



Tritanopia

38.4809, -7.9081, -4.2978

Trichromacy



Original Color

38.4909, -19.4469, 14.4521

Protanomaly

38.1324, -10.2577, 15.0609

Deuteranomaly

37.9398, -6.4106, 13.4157

Tritanomaly

38.2834, -12.7232, 3.8994

Monochromacy



Original Color

38.4909, -19.4469, 14.4521

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

36.3130, -8.8275, 7.1469

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.4909, -19.4469, 14.4521 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(73, 118, 70)` looks like.

```
.text, #text, p{  
    color:rgb(73, 118, 70)  
}
```

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(73, 118, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 118, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 38.4909, -19.4469, 14.4521 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(73, 118, 70) }
```


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

```
.border{ border-color:rgb(73, 118, 70) }
```

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

Here you see how a box with a 4 pixel rgb(73, 118, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 118, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 118, 70);  
box-shadow:4px 4px 4px 4px rgb(73, 118,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.4909, -19.4469, 14.4521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 118, 70) }
```

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

```
.background{ background-color: rgb(73, 118,  
70) }
```

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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