

Converting Colors

HunterLab(38.4424, -19.6459,
14.4052)

Have a look what the booklet for
HunterLab(38.4424, -19.6459,
14.4052) contains.

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Color

**HunterLab(38.4406,
-19.6451, 14.4059)**

Conversions

Conversions Part 1	
Format	Color
Hex	487646
RGB	72, 118, 70
RGB Percent	28%, 46%, 27%
CMY	0.7176, 0.5372, 0.7255
CMYK	0.39, 0.00, 0.41, 0.54
HSL	118°, 26%, 37%
HSV	118°, 41%, 46%
XYZ	10.2564, 14.7768, 8.1060
YIQ	98.7740, -12.0080, -24.6800

Conversions

Conversions Part 2

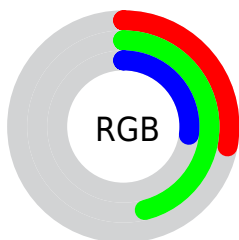
Format	Color
RYB	70, 118, 116
Decimal	4748870
CIELab	45.33, -26.30, 21.60
CIELCh	45, 34.032, 140.600
Yxy	14.7774, 0.3095, 0.4459
Android (android.graphics.Color)	4282938950 (0xFF487646)
YUV	98.7740, -14.1856, -23.4808
Hunter-Lab	38.4406, -19.6451, 14.4059

Details

The HunterLab color **38.4406, -19.6451, 14.4059** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **30.6624, 20.0601, -13.8981**, and the grayscale version is **35.2937, -1.8832, 1.9176**.

A 20% lighter version of the original color is **58.8801, -24.0339, 18.2866**, and **21.2334, -14.8228, 10.2564** is the 20% darker color. If you saturate the color by 10%, you get **37.7457, -22.7696, 16.5301**, and if you desaturate by 10%, it is **39.2642, -16.0281, 11.9195**.

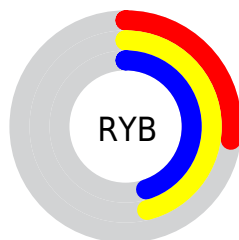
Distribution



Red (28%)

Green (46%)

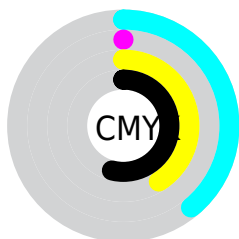
Blue (27%)



Red (27%)

Yellow (46%)

Blue (45%)

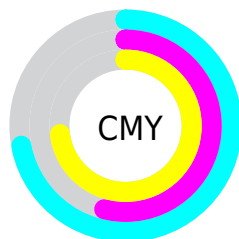


Cyan (39%)

Magenta (0%)

Yellow (41%)

Black (54%)



Cyan (72%)


Magenta (54%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 38.4406, -19.6451, 14.4059 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 38.4406, -19.6451, 14.4059 by changing the saturation by 10% instead.


 38.4406, -19.6451,
14.4059


 38.4406, -19.6451,
14.4059


149.0017,
-37.3182, 30.0784


 29.4335, -17.3466,
12.3963


 58.7045, -23.9111,
18.1504


 21.2656, -14.8717,
10.2404

 69.8582, -25.9330,
19.9330

 14.0349, -12.1280,
8.3990


 81.6406, -27.9042,
21.6762

 7.6800, -13.4400,
5.3760

 94.0196, -29.8362,
23.3900

0.0000, NaN, NaN

0.0000, NaN, NaN

 106.9679,
-31.7376, 25.0820

0.0000, NaN, NaN

120.4615,

0.0000, NaN, NaN

-33.6151, 26.7578

0.0000, NaN, NaN

134.4790,
-35.4739, 28.4221

■ 38.4406, -19.6451,
14.4059

■ 38.4406, -19.6451,
14.4059

■ 37.7457, -22.7696,
16.5301

■ 39.2642, -16.0281,
11.9195

■ 37.1758, -25.3734,
18.2747

■ 40.2132, -11.9533,
9.0943

■ 36.7287, -27.4450,
19.6346


■ 41.2861, -7.4654,
5.9610

■ 36.3983, -28.9899,
20.6175


■ 42.4792, -2.6122,
2.5528


■ 36.1761, -30.0335,
21.2468


■ 43.7882, 2.5579,
-1.0958

 36.0405, -30.6786,
21.6709

 45.2078, 7.9981,
-4.9513

 46.7324, 13.6647,
-8.9821

 48.3562, 19.5182,
-13.1594

 50.0735, 25.5239,
-17.4577

Harmonies

Analogous

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



38.4414, -10.5206, 18.4433



38.4406, -19.6451, 14.4059



38.4414, -23.8816, 5.8038

Triad

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



38.4414, -19.6458, 14.4062



38.4414, -6.0812, -29.8489



38.4414, 24.4811, 9.6047

Complementary

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



38.4406, -19.6451, 14.4059



30.6624, 20.0601, -13.8981

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.



38.4414, 26.0881, -2.0303



38.4406, -19.6451, 14.4059



38.4414, 7.2172, -27.7735

Square

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



38.4414, -19.6458, 14.4062



38.4414, -16.7706, -21.4109



38.4414, 19.4123, -16.4355



38.4414, 15.2772, 16.3854

Rectangle

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



38.4406, -19.6451, 14.4059



38.4414, -23.8117, -2.5817



38.4414, 19.4123, -16.4355



38.4414, 25.9717, 6.2446

Sweetspot

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



38.4414, -19.6458, 14.4062



54.5033, -10.8982, 8.6035



40.8574, -6.9430, 16.6458



26.0680, -5.5001, 4.3173



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.



38.4414, -19.6458, 14.4062



50.0889, -30.0175, 21.8006



38.7626, -17.5529, 8.2300



20.2603, -3.2676, 2.6462



37.4839, -31.9169, 22.5386



82.6899, -70.6979, 49.7155

Inverse Universe

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



30.6624, 20.0601, -13.8981



37.7166, 33.5311, -23.5472



30.1400, 17.0898, -3.0893



19.3663, 1.2470, -0.5670



22.8429, 45.3138, -33.2592



50.3314, 99.8946, -73.6809

Previews

White Background



This preview shows how the HunterLab color 38.4406, -19.6451, 14.4059 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 38.4406, -19.6451, 14.4059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

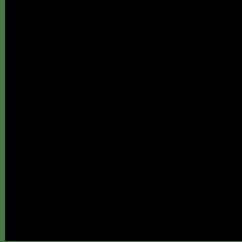
Any Text WCAG AA × Fail

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 38.4406, -19.6451, 14.4059 Background



This preview shows how black text looks on a background with the HunterLab color 38.4406, -19.6451, 14.4059.



This preview shows how white text looks on a background with the HunterLab color 38.4406, -19.6451, 14.4059.

-19.6451, 14.4059.

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

38.4406, -19.6451, 14.4059

Protanopia

38.3284, -3.8440, 15.5774

Deuteranopia





38.1921, 2.7535, 13.5246






Tritanopia

38.4222, -8.1215, -4.3803

Trichromacy

	Original Color 38.4406, -19.6451, 14.4059
	Protanomaly 38.1324, -10.2577, 15.0609
	Deuteranomaly 37.9398, -6.4106, 13.4157
	Tritanomaly 38.2278, -12.9324, 3.8332

Monochromacy

	Original Color 38.4406, -19.6451, 14.4059
	Achromatopsia 35.3231, -1.8847, 1.9192
	Achromatomaly 36.2443, -9.0796, 7.0717

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.4406, -19.6451, 14.4059 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(72, 118, 70)` looks like.

```
.text, #text, p{  
    color:rgb(72, 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(72, 118, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 118, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 38.4406, -19.6451, 14.4059 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(72, 118, 70) }
```


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

```
.border{ border-color:rgb(72, 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(72, 118, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 118, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 118, 70);  
box-shadow:4px 4px 4px 4px rgb(72, 118,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.4406, -19.6451, 14.4059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 118, 70) }
```

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

```
.background{ background-color: rgb(72, 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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