

Converting Colors

HunterLab(38.4604, -13.6522,
4.6473)

Have a look what the booklet for
HunterLab(38.4604, -13.6522,
4.6473) contains.

HunterLab(38.4977, -13.4860, 4.5246)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(38.4977,
-13.4860, 4.5246)**

Conversions

Conversions Part 1	
Format	Color
Hex	4E7365
RGB	78, 115, 101
RGB Percent	31%, 45%, 40%
CMY	0.6941, 0.5490, 0.6039
CMYK	0.32, 0.00, 0.12, 0.55
HSL	157°, 19%, 38%
HSV	157°, 32%, 45%
XYZ	11.6216, 14.8207, 14.5600
YIQ	102.3410, -17.5580, -12.1980

Conversions

Conversions Part 2

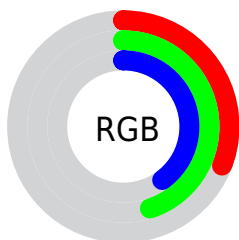
Format	Color
RYB	78, 101, 115
Decimal	5141349
CIELab	45.39, -16.44, 3.57
CIELCh	45, 16.818, 167.752
Yxy	14.8213, 0.2834, 0.3615
Android (android.graphics.Color)	4283331429 (0xFF4E7365)
YUV	102.3410, -0.6611, -21.3471
Hunter-Lab	38.4977, -13.4860, 4.5246

Details

The HunterLab color $[38.4977, -13.4860, 4.5246]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[31.4113, 11.6703, 0.4469]$, and the grayscale version is $[36.5875, -1.9522, 1.9879]$.

A 20% lighter version of the original color is $[58.7313, -16.5001, 5.9127]$, and $[21.3821, -10.3869, 3.3163]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.8077, -16.3402, 5.4100]$, and if you desaturate by 10%, it is $[39.2911, -10.3042, 3.7199]$.

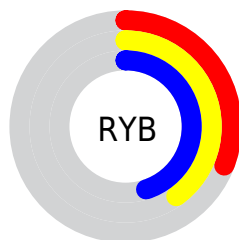
Distribution



Red (31%)

Green (45%)

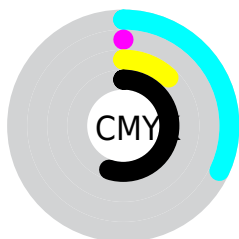
Blue (40%)



Red (31%)

Yellow (40%)

Blue (45%)

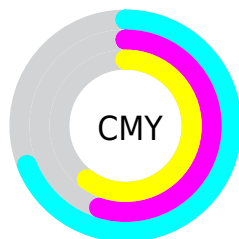


Cyan (32%)

Magenta (0%)

Yellow (12%)

Black (55%)



Cyan (69%)


Magenta (55%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 38.4977, -13.4860, 4.5246 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 38.4977, -13.4860, 4.5246 by changing the saturation by 10% instead.


 38.4977, -13.4860,
4.5246


 38.4977, -13.4860,
4.5246


149.0913,
-26.5982, 12.0085


 29.4857, -11.9044,
3.8131


 58.7703, -16.5063,
6.0199


 21.3124, -10.2392,
3.1223

 69.9279, -17.9736,
6.8040

 14.0757, -8.4401,
2.4475

 81.7139, -19.4245,
7.6124

 7.7236, -9.6848,
2.3352

 94.0965, -20.8652,
8.4449

0.0000, NaN, NaN

0.0000, NaN, NaN

 107.0482,
-22.2998, 9.3012

0.0000, NaN, NaN


120.5450,

0.0000, NaN, NaN


-23.7319, 10.1808


0.0000, NaN, NaN


134.5656,
-25.1640, 11.0834


 38.4977, -13.4860,
4.5246


 38.4977, -13.4860,
4.5246


 37.8077, -16.3402,
5.4100


 39.2911, -10.3042,
3.7199


 37.2185, -18.8443,
6.3655


 40.1847, -6.8190,
3.0012


 36.7289, -20.9855,
7.3803


 41.1776, -3.0599,
2.3738


 36.3357, -22.7593,
8.4411


 42.2669, 0.9423,
1.8400


 36.0334, -24.1722,
9.5330


 43.4496, 5.1569,
1.4007


 35.8142, -25.2451,
10.6393

 44.7219, 9.5544,
1.0549

 35.6696, -25.9709,
11.4799

 46.0798, 14.1070,
0.8003

 47.5191, 18.7896,
0.6337

 49.0358, 23.5798,
0.5511

Harmonies

Analogous

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



38.4985, -10.8483, 9.2403



38.4977, -13.4860, 4.5246



38.4985, -13.2138, -1.6945

Triad

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



38.4985, -13.4866, 4.5251



38.4985, 1.8151, -10.9811



38.4985, 6.6800, 9.8743

Complementary

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



38.4977, -13.4860, 4.5246



31.4113, 11.6703, 0.4469

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.



38.4985, 10.5373, 5.5356



38.4977, -13.4860, 4.5246



38.4985, 7.6033, -6.7510

Square

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



38.4985, -13.4866, 4.5251



38.4985, -4.6628, -11.3728



38.4985, 10.8859, -0.5034



38.4985, 0.6216, 11.9684

Rectangle

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



38.4977, -13.4860, 4.5246



38.4985, -11.4167, -5.8864



38.4985, 10.8859, -0.5034



38.4985, 8.2939, 8.6662

Sweetspot

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



38.4985, -13.4866, 4.5251



54.0167, -8.1903, 3.8460



38.8547, -13.1508, 12.7130



26.3136, -4.2673, 1.9267



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.



38.4985, -13.4866, 4.5251



50.7793, -21.0834, 6.9764



37.6271, -9.4573, -2.5388



20.3295, -2.8493, 1.4038



38.1320, -27.8021, 12.3552



84.0755, -61.9979, 28.7487

Inverse Universe

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



31.4113, 11.6703, 0.4469



39.1874, 20.2650, 0.4257



32.0589, 7.8555, 6.5616



19.2916, 0.8075, 0.7915



20.8964, 36.7417, 6.0923



45.9607, 80.4895, 15.8972

Previews

White Background



This preview shows how the HunterLab color 38.4977, -13.4860, 4.5246 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 38.4977, -13.4860, 4.5246 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 38.4977, -13.4860, 4.5246 Background



This preview shows how black text looks on a background with the HunterLab color 38.4977, -13.4860, 4.5246.



This preview shows how white text looks on a background with the HunterLab color 38.4977, -13.4860, 4.5246.

-13.4860, 4.5246.

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

38.4977, -13.4860, 4.5246

Protanopia

38.4161, -2.3125, 6.1770

Deuteranopia

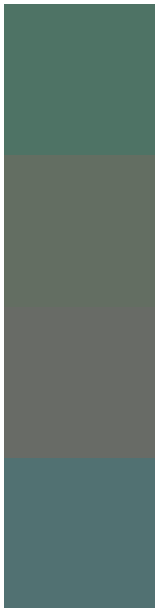
38.2122, 2.7597, 3.6844



Tritanopia

38.4222, -8.1215, -4.3803

Trichromacy



Original Color
38.4977, -13.4860, 4.5246

Protanomaly
38.3228, -6.8575, 5.6168

Deuteranomaly
37.9707, -3.6205, 3.7058

Tritanomaly
38.4376, -9.9800, -1.0456

Monochromacy



Original Color
38.4977, -13.4860, 4.5246

Achromatopsia
36.4511, -1.9449, 1.9805

Achromatomaly
37.1508, -6.5395, 2.7163

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.4977, -13.4860, 4.5246 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(78, 115, 101)` looks like.

```
.text, #text, p{  
    color:rgb(78, 115, 101)  
}
```

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(78, 115, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 115, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 38.4977, -13.4860, 4.5246 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(78, 115, 101) }
```


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

```
.border{ border-color:rgb(78, 115, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 115, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 115, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 115, 101);  
box-shadow:4px 4px 4px 4px rgb(78, 115,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.4977, -13.4860, 4.5246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(78, 115, 101) }
```

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

```
.background{ background-color:rgb(78, 115,  
101) }
```

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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