

Converting Colors

HunterLab(38.9158, -19.0376,
13.3716)

Have a look what the booklet for
HunterLab(38.9158, -19.0376,
13.3716) contains.

HunterLab(38.9326, -19.1162, 13.5182)	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(38.9326,
-19.1162, 13.5182)**

Conversions

Conversions Part 1

Format	Color
Hex	4A774B
RGB	74, 119, 75
RGB Percent	29%, 47%, 29%
CMY	0.7098, 0.5333, 0.7059
CMYK	0.38, 0.00, 0.37, 0.53
HSL	121°, 23%, 38%
HSV	121°, 38%, 47%
XYZ	10.6908, 15.1575, 9.0188
YIQ	100.5290, -12.6960, -23.2240

Conversions

Conversions Part 2

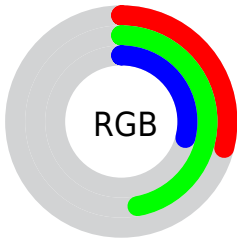
Format	Color
RYB	74, 118, 119
Decimal	4880203
CIELab	45.85, -25.23, 19.45
CIELCh	46, 31.863, 142.369
Yxy	15.1581, 0.3066, 0.4347
Android (android.graphics.Color)	4283070283 (0xFF4A774B)
YUV	100.5290, -12.5858, -23.2659
Hunter-Lab	38.9326, -19.1162, 13.5182

Details

The HunterLab color $[38.9326, -19.1162, 13.5182]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[31.8242, 19.0582, -11.9893]$, and the grayscale version is $[35.9471, -1.9180, 1.9531]$.

A 20% lighter version of the original color is $[59.4308, -23.3661, 17.1884]$, and $[21.6350, -14.5502, 9.7106]$ is the 20% darker color. If you saturate the color by 10%, you get $[38.1898, -22.4407, 15.7552]$, and if you desaturate by 10%, it is $[39.8122, -15.2806, 10.9520]$.

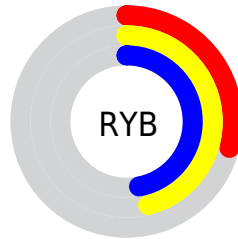
Distribution



Red (29%)

Green (47%)

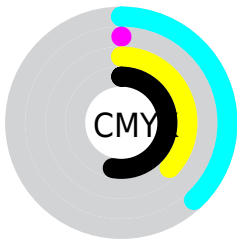
Blue (29%)



Red (29%)

Yellow (46%)

Blue (47%)

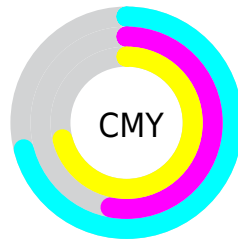


Cyan (38%)

Magenta (0%)

Yellow (37%)

Black (53%)



Cyan (71%)

Magenta (53%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.9326, -19.1162, 13.5182 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 38.9326, -19.1162, 13.5182 by changing the saturation by 10% instead.

■ 38.9326, -19.1162,
13.5182

■ 38.9326, -19.1162,
13.5182

149.7736,
-36.2708, 28.1452

■ 29.8838, -16.9037,
11.6797

■ 59.2708, -23.2365,
16.9699

■ 21.6699, -14.5287,
9.7185

■ 70.4582, -25.1948,
18.6240

■ 14.3872, -11.9059,
7.8029

■ 82.2725, -27.1069,
20.2476

■ 8.0476, -14.0832,
5.6333

■ 94.6819, -28.9835,
21.8495

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.6592,
-30.8326, 23.4358

0.0000, NaN, NaN

121.1806,

0.0000, NaN, NaN

-32.6604, 25.0114

0.0000, NaN, NaN

135.2250,
-34.4719, 26.5803

■ 38.9326, -19.1162,
13.5182

■ 38.9326, -19.1162,
13.5182

■ 38.1898, -22.4407,
15.7552

■ 39.8122, -15.2806,
10.9520

■ 37.5805, -25.2208,
17.6400

■ 40.8250, -10.9740,
8.0843

■ 37.1024, -27.4410,
19.1605

■ 41.9689, -6.2464,
4.9486

■ 36.7494, -29.1038,
20.3161

■ 43.2396, -1.1500,
1.5798

■ 36.5124, -30.2335,
21.1201

■ 44.6320, 4.2628,
-1.9877

■ 36.3626, -30.9508,
21.6217

■ 46.1402, 9.9422,
-5.7210

■ 36.3319, -31.0976,
21.7191

■ 47.7581, 15.8422,
-9.5902

■ 49.4793, 21.9220,
-13.5688

■ 51.2975, 28.1464,
-17.6340

Harmonies

Analogous

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



38.9334, -10.6891, 17.7273



38.9326, -19.1162, 13.5182



38.9334, -22.8829, 4.9941

Triad

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



38.9334, -19.1169, 13.5186



38.9334, -5.1750, -27.4773



38.9334, 22.3325, 9.7554

Complementary

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



38.9326, -19.1162, 13.5182



31.8242, 19.0582, -11.9893

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.



38.9334, 24.2855, -0.9930



38.9326, -19.1162, 13.5182



38.9334, 7.3501, -25.0027

Square

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



38.9334, -19.1169, 13.5186



38.9334, -15.5109, -20.2789



38.9334, 18.5087, -14.2995



38.9334, 13.4625, 16.0729

Rectangle

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



38.9326, -19.1162, 13.5182



38.9334, -22.6182, -3.0222



38.9334, 18.5087, -14.2995



38.9334, 23.8609, 6.6429

Sweetspot

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



38.9334, -19.1169, 13.5186



55.6110, -10.6090, 8.1129



41.9022, -7.9870, 16.5131



26.9923, -5.4949, 4.1685



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



38.9334, -19.1169, 13.5186



51.2575, -29.3347, 20.6142



39.3927, -16.4168, 6.8720



20.2470, -3.3096, 2.5849



37.4479, -32.0547, 22.3903



82.6567, -70.8255, 49.5783

Inverse Universe

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



31.8242, 19.0582, -11.9893



39.9253, 31.8323, -20.2365



31.0800, 15.4293, -1.5750



19.3819, 1.2926, -0.4926



23.4842, 45.9584, -29.3280



51.8247, 101.3946, -64.5200

Previews

White Background



This preview shows how the HunterLab color 38.9326, -19.1162, 13.5182 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 38.9326, -19.1162, 13.5182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

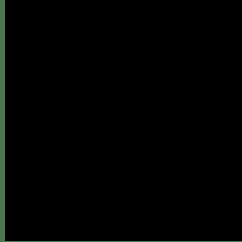
Any Text WCAG AA × Fail

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 38.9326, -19.1162, 13.5182 Background



This preview shows how black text looks on a background with the HunterLab color 38.9326, -19.1162, 13.5182.



This preview shows how white text looks on a background with the HunterLab color 38.9326,

-19.1162, 13.5182.

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

38.9326, -19.1162, 13.5182

Protanopia

38.6807, -3.8421, 14.6302

Deuteranopia

38.7813, 2.2211, 12.9163



Tritanopia

38.8000, -8.1611, -4.3703

Trichromacy



Original Color

38.9326, -19.1162, 13.5182

Protanomaly

38.5005, -10.2072, 14.1037

Deuteranomaly

38.2900, -6.4390, 12.6095

Tritanomaly

38.7129, -12.4687, 3.1681

Monochromacy



Original Color

38.9326, -19.1162, 13.5182

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

37.0432, -8.8867, 6.4642

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.9326, -19.1162, 13.5182 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(74, 119, 75)` looks like.

```
.text, #text, p{  
    color:rgb(74, 119, 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(74, 119, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 119, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 38.9326, -19.1162, 13.5182 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(74, 119, 75) }
```


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

```
.border{ border-color:rgb(74, 119, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 119, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 119, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 119, 75);  
box-shadow:4px 4px 4px 4px rgb(74, 119,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.9326, -19.1162, 13.5182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 119, 75) }
```

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

```
.background{ background-color: rgb(74, 119,  
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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor