

Converting Colors

HunterLab(38.7420, -16.7317,
18.5341)

Have a look what the booklet for
HunterLab(38.7420, -16.7317,
18.5341) contains.

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Color

**HunterLab(38.8515,
-16.9876, 18.6848)**

Conversions

Conversions Part 1

Format	Color
Hex	597534
RGB	89, 117, 52
RGB Percent	35%, 46%, 20%
CMY	0.6510, 0.5412, 0.7961
CMYK	0.24, 0.00, 0.56, 0.54
HSL	86°, 38%, 33%
HSV	86°, 56%, 46%
XYZ	11.1010, 15.0944, 5.5772
YIQ	101.2180, 4.1770, -26.1510

Conversions

Conversions Part 2

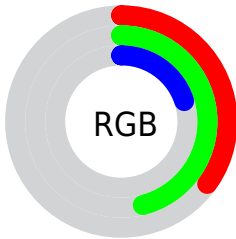
Format	Color
RYB	52, 117, 80
Decimal	5862708
CIELab	45.76, -21.82, 32.21
CIELCh	46, 38.905, 124.109
Yxy	15.0951, 0.3494, 0.4751
Android (android.graphics.Color)	4284052788 (0xFF597534)
YUV	101.2180, -24.2645, -10.7152
Hunter-Lab	38.8515, -16.9876, 18.6848

Details

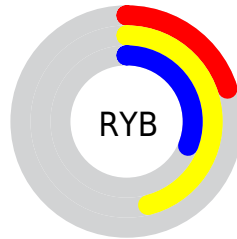
The HunterLab color $[38.8515, -16.9876, 18.6848]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[23.3372, 18.4206, -28.0565]$, and the grayscale version is $[36.2446, -1.9339, 1.9692]$.

A 20% lighter version of the original color is $[59.1424, -20.4357, 23.7429]$, and $[21.7166, -13.1392, 12.8381]$ is the 20% darker color. If you saturate the color by 10%, you get $[38.4207, -18.9076, 20.2040]$, and if you desaturate by 10%, it is $[39.3343, -14.8377, 16.7333]$.

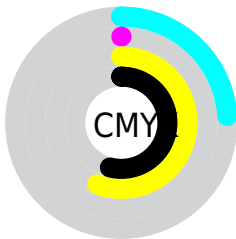
Distribution



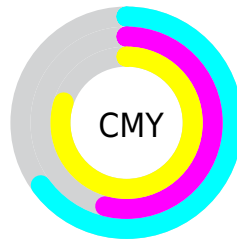
- Red (35%)
- Green (46%)
- Blue (20%)



- Red (20%)
- Yellow (46%)
- Blue (31%)



- Cyan (24%)
- Magenta (0%)
- Yellow (56%)
- Black (54%)



- Cyan (65%)
- Magenta (54%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.8515, -16.9876, 18.6848 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 38.8515, -16.9876, 18.6848 by changing the saturation by 10% instead.

■ 38.8515, -16.9876,
18.6848

■ 38.8515, -16.9876,
18.6848

■ 149.6465,
-32.5570, 39.6123

■ 29.8096, -15.0242,
15.8439

■ 59.1776, -20.6755,
23.8812

■ 21.6032, -12.9297,
12.7797

■ 70.3594, -22.4409,
26.3081

■ 14.3291, -10.6331,
10.0304

■ 82.1684, -24.1721,
28.6531

■ 7.9883, -12.3273,
5.5918

■ 94.5729, -25.8778,
30.9327

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.5454,
-27.5647, 33.1595

0.0000, NaN, NaN

■ 121.0622,

0.0000, NaN, NaN

-29.2376, 35.3434

0.0000, NaN, NaN

135.1022,
-30.9007, 37.4922

■ 38.8515, -16.9876,
18.6848

■ 38.8515, -16.9876,
18.6848

■ 38.4207, -18.9076,
20.2040

■ 39.3343, -14.8377,
16.7333

■ 38.0379, -20.5956,
21.3064

■ 39.8673, -12.4580,
14.3406

■ 37.7020, -22.0580,
22.0181

■ 40.4517, -9.8551,
11.5054

■ 37.4085, -23.3174,
22.4060

■ 41.0875, -7.0371,
8.2320

■ 37.2859, -23.8453,
22.5579

■ 41.7745, -4.0142,
4.5293

■ 42.5119, -0.7976,
0.4102

■ 43.2990, 2.6005,
-4.1096

■ 44.1348, 6.1673,
-9.0120

■ 45.0182, 9.8900,
-14.2774

Harmonies

Analogous

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



38.8524, -4.1241, 20.7563



38.8515, -16.9876, 18.6848



38.8524, -24.8046, 12.3056

Triad

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



38.8524, -16.9885, 18.6851



38.8524, -13.9058, -31.6345



38.8524, 31.1542, 4.0334

Complementary

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



38.8515, -16.9876, 18.6848



23.3372, 18.4206, -28.0565

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.



38.8524, 27.4899, -11.9059



38.8515, -16.9876, 18.6848



38.8524, 0.0172, -36.5098

Square

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



38.8524, -16.9885, 18.6851



38.8524, -23.2238, -16.6744



38.8524, 15.4942, -28.2254



38.8524, 24.8636, 14.5878

Rectangle

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



38.8515, -16.9876, 18.6848



38.8524, -26.8446, 4.8319



38.8524, 15.4942, -28.2254



38.8524, 31.0514, -0.8139

Sweetspot

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



38.8524, -16.9885, 18.6851



54.8153, -10.1486, 11.8852



31.0393, 7.5512, 13.0523



26.2218, -5.1400, 6.0213



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.



38.8524, -16.9885, 18.6851



51.2425, -26.0516, 27.5633



37.2202, -23.4464, 17.3489



20.4730, -2.5090, 2.8922



39.1246, -25.0766, 23.6694



86.0705, -56.5698, 52.0459

Inverse Universe

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



23.3372, 18.4206, -28.0565



26.5283, 31.5918, -50.4556



26.7549, 27.0257, -20.3378



19.1307, 0.4505, -0.8803



14.7128, 34.8139, -65.0476



31.7216, 76.0622, -148.0118

Previews

White Background



This preview shows how the HunterLab color 38.8515, -16.9876, 18.6848 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 38.8515, -16.9876, 18.6848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

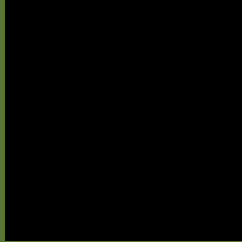
Any Text WCAG AA × Fail

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 38.8515, -16.9876, 18.6848 Background



This preview shows how black text looks on a background with the HunterLab color 38.8515, -16.9876, 18.6848.



This preview shows how white text looks on a background with the HunterLab color 38.8515,

-16.9876, 18.6848.

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

38.8515, -16.9876, 18.6848

Protanopia

38.6522, -4.5458, 19.2805

Deuteranopia

38.6944, 2.5738, 18.1556



Tritanopia

38.8335, -3.8705, -2.7851

Trichromacy



Original Color

38.8515, -16.9876, 18.6848

Protanomaly

38.5362, -9.2286, 18.9415

Deuteranomaly

38.4485, -5.1288, 18.0283

Tritanomaly

38.8193, -9.5822, 7.2169

Monochromacy



Original Color

38.8515, -16.9876, 18.6848

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.9883, -8.0315, 9.5335

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.8515, -16.9876, 18.6848 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(89, 117, 52)` looks like.

```
.text, #text, p{  
    color:rgb(89, 117, 52)  
}
```

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(89, 117, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 117, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 38.8515, -16.9876, 18.6848 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(89, 117, 52) }
```


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

```
.border{ border-color:rgb(89, 117, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 117, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 117, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 117, 52);  
box-shadow:4px 4px 4px 4px rgb(89, 117,  
52) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.8515, -16.9876, 18.6848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 117, 52) }
```

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

```
.background{ background-color: rgb(89, 117,  
52) }
```

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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