

Converting Colors

HunterLab(38.8438, -13.8697,
17.9818)

Have a look what the booklet for
HunterLab(38.8438, -13.8697,
17.9818) contains.

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Color

**HunterLab(38.8438,
-13.8697, 17.9818)**

Conversions

Conversions Part 1

Format	Color
Hex	617338
RGB	97, 115, 56
RGB Percent	38%, 45%, 22%
CMY	0.6196, 0.5490, 0.7804
CMYK	0.16, 0.00, 0.51, 0.55
HSL	78°, 35%, 34%
HSV	78°, 51%, 45%
XYZ	11.7743, 15.0884, 6.0332
YIQ	102.8920, 8.2110, -22.1650

Conversions

Conversions Part 2

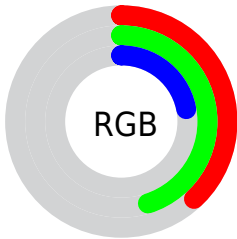
Format	Color
RYB	56, 115, 74
Decimal	6386488
CIELab	45.76, -16.94, 30.23
CIElCh	46, 34.648, 119.262
Yxy	15.0891, 0.3579, 0.4587
Android (android.graphics.Color)	4284576568 (0xFF617338)
YUV	102.8920, -23.1178, -5.1673
Hunter-Lab	38.8438, -13.8697, 17.9818

Details

The HunterLab color $[38.8438, -13.8697, 17.9818]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[23.4998, 14.5778, -26.1887]$, and the grayscale version is $[36.8707, -1.9673, 2.0033]$.

A 20% lighter version of the original color is $[59.2004, -16.8753, 22.7988]$, and $[21.6495, -10.4878, 12.4489]$ is the 20% darker color. If you saturate the color by 10%, you get $[38.4716, -15.5488, 19.6849]$, and if you desaturate by 10%, it is $[39.2580, -11.9962, 15.8410]$.

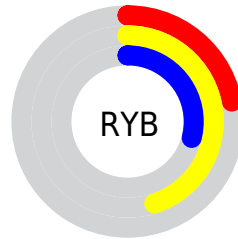
Distribution



 Red (38%)

 Green (45%)

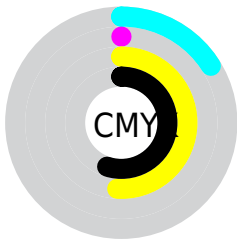
 Blue (22%)




 Red (22%)

 Yellow (45%)

 Blue (29%)

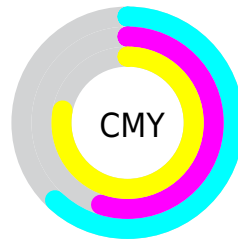


 Cyan (16%)


 Magenta (0%)

 Yellow (51%)

 Black (55%)



 Cyan (62%)

 Magenta (55%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.8438, -13.8697, 17.9818 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 38.8438, -13.8697, 17.9818 by changing the saturation by 10% instead.

■ 38.8438, -13.8697,
17.9818

■ 38.8438, -13.8697,
17.9818

149.6345,
-27.2053, 37.9052

■ 29.8026, -12.2556,
15.2987

■ 59.1687, -16.9495,
22.9010

■ 21.5969, -10.5545,
12.3955

■ 70.3501, -18.4436,
25.2046

■ 14.3236, -8.7155,
10.0265

■ 82.1586, -19.9200,
27.4345

■ 7.9826, -9.6715,
5.5878

■ 94.5625, -21.3848,
29.6059

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.5346,
-22.8427, 31.7305

0.0000, NaN, NaN

■ 121.0510,

0.0000, NaN, NaN

-24.2970, 33.8173

0.0000, NaN, NaN

135.0906,
-25.7505, 35.8736

■ 38.8438, -13.8697,
17.9818

■ 38.8438, -13.8697,
17.9818

■ 38.4716, -15.5488,
19.6849

■ 39.2580, -11.9962,
15.8410

■ 38.1375, -17.0331,
20.9650

■ 39.7125, -9.9251,
13.2525

■ 37.8406, -18.3298,
21.8462

■ 40.2088, -7.6600,
10.2133

■ 37.5785, -19.4494,
22.3621

■ 40.7472, -5.2052,
6.7253

■ 37.3682, -20.3398,
22.6700

■ 41.3278, -2.5666,
2.7945

■ 41.9503, 0.2484,
-1.5694

■ 42.6144, 3.2316,
-6.3537

■ 43.3195, 6.3739,
-11.5434

■ 44.0651, 9.6660,
-17.1214

Harmonies

Analogous

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



38.8447, -1.7428, 19.4921



38.8438, -13.8697, 17.9818



38.8447, -21.8118, 12.6611

Triad

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



38.8447, -13.8707, 17.9821



38.8447, -14.3724, -25.3612



38.8447, 27.1525, 1.7979

Complementary

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



38.8438, -13.8697, 17.9818



23.4998, 14.5778, -26.1887

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.



38.8447, 22.6118, -12.5944



38.8438, -13.8697, 17.9818



38.8447, -2.4055, -31.1933

Square

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



38.8447, -13.8707, 17.9821



38.8447, -22.0727, -11.8564



38.8447, 11.3220, -25.8791



38.8447, 23.0220, 12.2784

Rectangle

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



38.8438, -13.8697, 17.9818



38.8447, -24.2633, 6.4046



38.8447, 11.3220, -25.8791



38.8447, 26.5808, -2.7288

Sweetspot

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



38.8447, -13.8707, 17.9821



54.2237, -8.3390, 10.9806



29.6453, 9.6175, 10.9526



26.4256, -4.3415, 5.7448



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.



38.8447, -13.8707, 17.9821



51.3716, -21.2912, 26.7888



37.1073, -20.6100, 16.5262



20.5253, -2.3237, 2.9523



39.9390, -21.8042, 24.2285



87.9019, -49.1838, 53.3037

Inverse Universe

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



23.4998, 14.5778, -26.1887



26.6848, 25.6585, -47.6408



26.3855, 22.3267, -19.7991



19.0763, 0.2651, -0.9533



13.4716, 33.5744, -72.7187



29.0563, 73.4918, -165.1915

Previews

White Background



This preview shows how the HunterLab color 38.8438, -13.8697, 17.9818 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 38.8438, -13.8697, 17.9818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

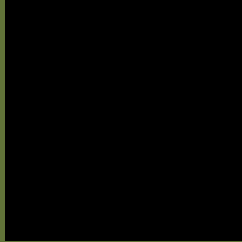
Any Text WCAG AA × Fail

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 38.8438, -13.8697, 17.9818 Background



This preview shows how black text looks on a background with the HunterLab color 38.8438, -13.8697, 17.9818.



This preview shows how white text looks on a background with the HunterLab color 38.8438,

-13.8697, 17.9818.

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

38.8438, -13.8697, 17.9818

Protanopia

38.7099, -4.2265, 18.4333

Deuteranopia

38.6287, 2.4314, 17.4946



Tritanopia

38.7463, -1.4706, -1.9034

Trichromacy



Original Color

38.8438, -13.8697, 17.9818

Protanomaly

38.8452, -7.9840, 18.2797

Deuteranomaly

38.3964, -3.8334, 17.4113

Tritanomaly

38.7555, -6.8898, 7.1975

Monochromacy



Original Color

38.8438, -13.8697, 17.9818

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

37.3550, -6.5758, 8.9290

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.8438, -13.8697, 17.9818 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(97, 115, 56)` looks like.

```
.text, #text, p{  
    color:rgb(97, 115, 56)  
}
```

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(97, 115, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 115, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 38.8438, -13.8697, 17.9818 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(97, 115, 56) }
```


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

```
.border{ border-color:rgb(97, 115, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 115, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 115, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 115, 56);  
box-shadow:4px 4px 4px 4px rgb(97, 115,  
56) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.8438, -13.8697, 17.9818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 115, 56) }
```

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

```
.background{ background-color: rgb(97, 115,  
56) }
```

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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