

Converting Colors

HunterLab(38.1489, -17.7587,
2.8113)

Have a look what the booklet for
HunterLab(38.1489, -17.7587,
2.8113) contains.

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Color

**HunterLab(38.1612,
-17.7109, 2.8568)**

Conversions

Conversions Part 1

Format	Color
Hex	387568
RGB	56, 117, 104
RGB Percent	22%, 46%, 41%
CMY	0.7804, 0.5412, 0.5922
CMYK	0.52, 0.00, 0.11, 0.54
HSL	167°, 35%, 34%
HSV	167°, 52%, 46%
XYZ	10.4908, 14.5628, 15.3546
YIQ	97.2790, -32.1830, -16.9750

Conversions

Conversions Part 2

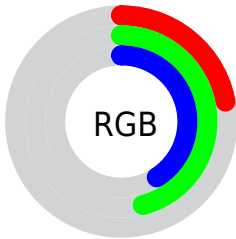
Format	Color
RYB	56, 90, 117
Decimal	3700072
CIELab	45.03, -23.22, 1.12
CIElCh	45, 23.242, 177.232
Yxy	14.5633, 0.2596, 0.3604
Android (android.graphics.Color)	4281890152 (0xFF387568)
YUV	97.2790, 3.3135, -36.2017
Hunter-Lab	38.1612, -17.7109, 2.8568

Details

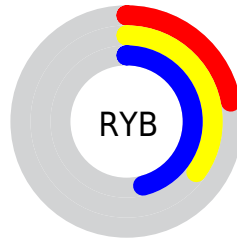
The HunterLab color **38.1612, -17.7109, 2.8568** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **26.5336, 19.6618, 4.1119**, and the grayscale version is **34.6760, -1.8502, 1.8840**.

A 20% lighter version of the original color is **58.2500, -21.3790, 3.9551**, and **21.0467, -13.0368, 1.8361** is the 20% darker color. If you saturate the color by 10%, you get **37.7025, -19.6428, 3.3214**, and if you desaturate by 10%, it is **38.7198, -15.4263, 2.5021**.

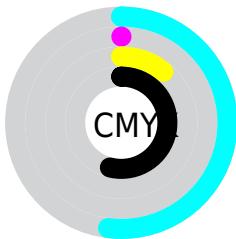
Distribution



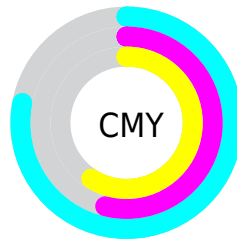
- Red (22%)
- Green (46%)
- Blue (41%)



- Red (22%)
- Yellow (35%)
- Blue (46%)



- Cyan (52%)
- Magenta (0%)
- Yellow (11%)
- Black (54%)



- Cyan (78%)
- Magenta (54%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.1612, -17.7109, 2.8568 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 38.1612, -17.7109, 2.8568 by changing the saturation by 10% instead.

■ 38.1612, -17.7109,
2.8568

■ 38.1612, -17.7109,
2.8568

148.5624,
-33.9497, 9.3215

■ 29.1779, -15.6364,
2.3000

■ 58.3826, -21.5857,
4.0791

■ 21.0363, -13.4141,
1.7813

■ 69.5171, -23.4332,
4.7400

■ 13.8354, -10.9628,
1.3036

■ 81.2812, -25.2408,
5.4322

■ 7.4624, -13.0592,
1.0297

■ 93.6429, -27.0182,
6.1544

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.5746,
-28.7728, 6.9054

0.0000, NaN, NaN

■ 120.0523,

0.0000, NaN, NaN

-30.5101, 7.6842

0.0000, NaN, NaN

134.0545,
-32.2346, 8.4899

■ 38.1612, -17.7109,
2.8568

■ 38.1612, -17.7109,
2.8568

■ 37.7025, -19.6428,
3.3214

■ 38.7198, -15.4263,
2.5021

■ 37.3376, -21.2205,
3.8858

■ 39.3783, -12.7974,
2.2619

■ 37.0615, -22.4545,
4.5391

■ 40.1382, -9.8413,
2.1399

■ 36.8660, -23.3683,
5.2669

■ 40.9992, -6.5802,
2.1371

■ 36.7381, -23.9832,
5.8534

■ 41.9597, -3.0400,
2.2520

■ 43.0176, 0.7510,
2.4817

■ 44.1699, 4.7639,
2.8217

■ 45.4131, 8.9705,
3.2662

■ 46.7435, 13.3437,
3.8089

Harmonies

Analogous

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



38.1620, -15.4231, 9.8988



38.1612, -17.7109, 2.8568



38.1620, -16.1300, -6.1734

Triad

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



38.1620, -17.7113, 2.8573



38.1620, 6.1363, -15.4758



38.1620, 7.7013, 13.4127

Complementary

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



38.1612, -17.7109, 2.8568



26.5336, 19.6618, 4.1119

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.



38.1620, 14.4510, 8.8179



38.1612, -17.7109, 2.8568



38.1620, 13.4907, -7.8569

Square

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



38.1620, -17.7113, 2.8573



38.1620, -2.8635, -18.0907



38.1620, 16.6601, 1.2804



38.1620, -1.2059, 15.0503

Rectangle

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



38.1612, -17.7109, 2.8568



38.1620, -13.0062, -11.9553



38.1620, 16.6601, 1.2804



38.1620, 10.3279, 12.2233

Sweetspot

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



38.1620, -17.7113, 2.8573



54.3538, -10.7198, 2.8419



37.7913, -21.0499, 17.0481



25.9758, -5.4681, 1.3630



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.



38.1620, -17.7113, 2.8573



50.3183, -26.8552, 4.6207



33.4450, -8.5080, -9.3762



20.3533, -2.7173, 1.0649



38.5588, -25.1917, 6.1865



85.0433, -56.0719, 14.7464

Inverse Universe

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



26.5336, 19.6618, 4.1119



31.9345, 33.1327, 7.1693



29.7830, 10.5198, 11.0877



19.2678, 0.6789, 1.1319



20.5957, 35.6347, 10.4866



45.3486, 78.2331, 24.8681

Previews

White Background



This preview shows how the HunterLab color 38.1612, -17.7109, 2.8568 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 38.1612, -17.7109, 2.8568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

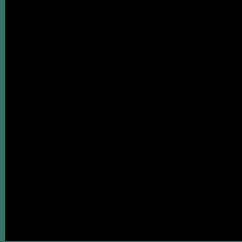
Any Text WCAG AA × Fail

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 38.1612, -17.7109, 2.8568 Background



This preview shows how black text looks on a background with the HunterLab color 38.1612, -17.7109, 2.8568.



This preview shows how white text looks on a background with the HunterLab color 38.1612, -17.7109, 2.8568.

-17.7109, 2.8568.

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

38.1612, -17.7109, 2.8568

Protanopia

38.0853, -2.0221, 5.4437

Deuteranopia

38.0461, 2.4178, 1.8093



Tritanopia

38.0642, -12.3129, -5.9489

Trichromacy



Original Color

38.1612, -17.7109, 2.8568

Protanomaly

37.7434, -8.8611, 4.1628

Deuteranomaly

37.6104, -6.1123, 1.5727

Tritanomaly

38.0566, -14.3174, -2.5422

Monochromacy



Original Color

38.1612, -17.7109, 2.8568

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

35.5170, -8.2271, 1.6148

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.1612, -17.7109, 2.8568 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(56, 117, 104)` looks like.

```
.text, #text, p{  
    color:rgb(56, 117, 104)  
}
```

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(56, 117, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 117, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 38.1612, -17.7109, 2.8568 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(56, 117, 104) }
```


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

```
.border{ border-color:rgb(56, 117, 104) }
```

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

Here you see how a box with a 4 pixel rgb(56, 117, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 117, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 117, 104);  
box-shadow:4px 4px 4px 4px rgb(56, 117,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.1612, -17.7109, 2.8568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 117, 104) }
```

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

```
.background{ background-color: rgb(56, 117,  
104) }
```

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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