

Converting Colors

HunterLab(38.8421, -15.6790,
-6.4703)

Have a look what the booklet for
HunterLab(38.8421, -15.6790,
-6.4703) contains.

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Color

**HunterLab(38.7867,
-15.5461, -6.5449)**

Conversions

Conversions Part 1

Format	Color
Hex	2E767E
RGB	46, 118, 126
RGB Percent	18%, 46%, 49%
CMY	0.8196, 0.5372, 0.5059
CMYK	0.63, 0.06, 0.00, 0.51
HSL	186°, 47%, 34%
HSV	186°, 63%, 49%
XYZ	11.3710, 15.0441, 22.0432
YIQ	97.3840, -45.4800, -12.7760

Conversions

Conversions Part 2

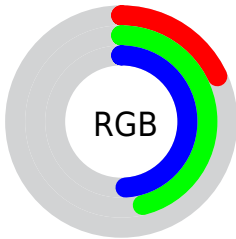
Format	Color
RYB	46, 84, 126
Decimal	3044990
CIELab	45.70, -19.55, -11.07
CIELCh	46, 22.467, 209.507
Yxy	15.0446, 0.2347, 0.3105
Android (android.graphics.Color)	4281235070 (0xFF2E767E)
YUV	97.3840, 14.1077, -45.0638
Hunter-Lab	38.7867, -15.5461, -6.5449




Details

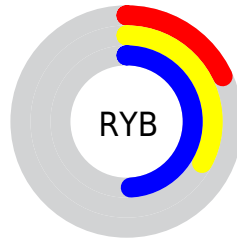
The HunterLab color **38.7867, -15.5461, -6.5449** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **26.9659, 21.7638, 11.3132**, and the grayscale version is **34.6799, -1.8504, 1.8842**.




A 20% lighter version of the original color is **59.0160, -18.6167, -6.8063**, and **21.8908, -10.0330, -5.7031** is the 20% darker color. If you saturate the color by 10%, you get **38.0775, -16.3006, -7.5575**, and if you desaturate by 10%, it is **39.5982, -14.4182, -5.4071**.

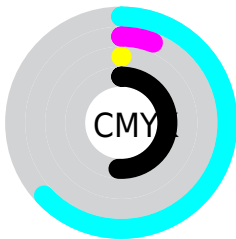
Distribution







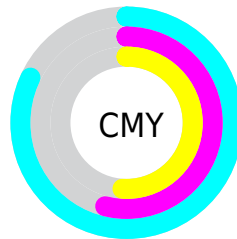
-  Red (18%)
-  Green (46%)
-  Blue (49%)






-  Red (18%)
-  Yellow (33%)
-  Blue (49%)



-  Cyan (63%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (82%)
-  Magenta (54%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.7867, -15.5461, -6.5449 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 38.7867, -15.5461, -6.5449 by changing the saturation by 10% instead.

■ 38.7867, -15.5461,
-6.5449

■ 38.7867, -15.5461,
-6.5449

■ 149.5447,
-30.0748, -4.6391

■ 29.7502, -13.7444,
-6.4586

■ 59.1029, -18.9500,
-6.5002

■ 21.5498, -11.8329,
-6.2908

■ 70.2803, -20.5891,
-6.3837

■ 14.2825, -9.7490,
-6.0344

■ 82.0851, -22.2017,
-6.2113

■ 7.9404, -11.1542,
-6.0150

■ 94.4855, -23.7953,
-5.9872

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 107.4543,
-25.3755, -5.7152

0.0000, NaN, NaN

■ 120.9674,

0.0000, NaN, NaN

-26.9467, -5.3981

0.0000, NaN, NaN

135.0038,
-28.5122, -5.0386

■ 38.7867, -15.5461,
-6.5449

■ 38.7867, -15.5461,
-6.5449

■ 38.0775, -16.3006,
-7.5575

■ 39.5982, -14.4182,
-5.4071

■ 37.4639, -16.6916,
-8.4459

■ 40.5123, -12.9177,
-4.1507

■ 36.9380, -16.7470,
-9.2157

■ 41.5303, -11.0552,
-2.7827

■ 36.6149, -16.7099,
-9.6936

■ 42.6514, -8.8477,
-1.3126

■ 43.8735, -6.3174,
0.2491

■ 45.1939, -3.4892,
1.8916

■ 46.6092, -0.3897,
3.6042

■ 48.1154, 2.9544,
5.3769

■ 49.7084, 6.5173,
7.2004

Harmonies

Analogous

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



38.7874, -17.3807, 2.2477



38.7867, -15.5461, -6.5449



38.7874, -10.1776, -14.1996

Triad

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



38.7874, -15.5462, -6.5443



38.7874, 13.3720, -6.8336



38.7874, -1.9279, 14.8620

Complementary

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



38.7867, -15.5461, -6.5449



26.9659, 21.7638, 11.3132

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.



38.7874, 6.7599, 13.4457



38.7867, -15.5461, -6.5449



38.7874, 16.0554, 1.9744

Square

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



38.7874, -15.5462, -6.5443



38.7874, 6.4897, -14.3908



38.7874, 13.5375, 9.1411



38.7874, -9.9494, 13.5370

Rectangle

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



38.7867, -15.5461, -6.5449



38.7874, -5.0628, -16.9539



38.7874, 13.5375, 9.1411



38.7874, 1.0129, 14.6965

Sweetspot

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



38.7874, -15.5462, -6.5443



57.2264, -10.4303, -0.9172



39.6950, -27.9927, 18.9981



27.1132, -5.3437, -0.6686



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



38.7874, -15.5462, -6.5443



50.1541, -21.9064, -10.5520



27.7991, 0.8782, -24.9544



21.9448, -2.5252, 0.4737



37.0812, -16.9190, -9.8250

0.0000, NaN, NaN

Inverse Universe

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



27.7454, 34.1266, -18.9334



33.9081, 53.5567, -29.2125



35.2189, 4.1683, 17.4226



20.9887, 1.3723, -0.3738

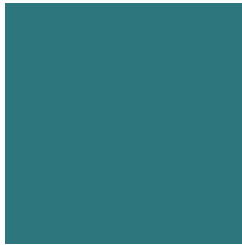


24.0470, 46.3048, -24.1777

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 38.7867, -15.5461, -6.5449 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 38.7867, -15.5461, -6.5449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

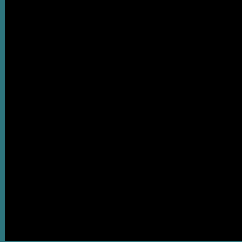
Any Text WCAG AA × Fail

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 38.7867, -15.5461, -6.5449 Background



This preview shows how black text looks on a background with the HunterLab color 38.7867, -15.5461, -6.5449.



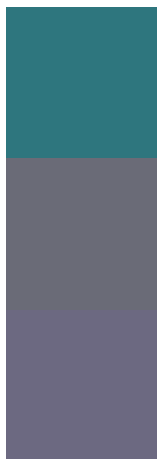
This preview shows how white text looks on a background with the HunterLab color 38.7867,

-15.5461, -6.5449.

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

38.7867, -15.5461, -6.5449

Protanopia

38.6154, -0.4057, -3.0094

Deuteranopia

38.5698, 2.8406, -8.1100



Tritanopia

38.8504, -15.2359, -6.9696

Trichromacy



Original Color

38.7867, -15.5461, -6.5449

Protanomaly

38.2869, -7.0770, -5.0446

Deuteranomaly

38.2644, -5.2996, -8.1580

Tritanomaly

38.8504, -15.2359, -6.9696

Monochromacy



Original Color

38.7867, -15.5461, -6.5449

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

35.7849, -8.2516, -1.6003

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.7867, -15.5461, -6.5449 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(46, 118, 126)` looks like.

```
.text, #text, p{  
    color:rgb(46, 118, 126)  
}
```

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(46, 118, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 118, 126) }
```

Border

The CSS property to change the border of an element to HunterLab 38.7867, -15.5461, -6.5449 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(46, 118, 126) }
```


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

```
.border{ border-color:rgb(46, 118, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 118, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 118, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 118, 126);  
box-shadow:4px 4px 4px 4px rgb(46, 118,  
126) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.7867, -15.5461, -6.5449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 118, 126) }
```

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

```
.background{ background-color: rgb(46, 118,  
126) }
```

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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