

Converting Colors

HunterLab(38.1347, -14.0121,
-7.7762)

Have a look what the booklet for
HunterLab(38.1347, -14.0121,
-7.7762) contains.

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Color

**HunterLab(38.0089,
-13.7852, -8.1411)**

Conversions

Conversions Part 1

Format	Color
Hex	31737F
RGB	49, 115, 127
RGB Percent	19%, 45%, 50%
CMY	0.8078, 0.5490, 0.5020
CMYK	0.61, 0.09, 0.00, 0.50
HSL	189°, 44%, 35%
HSV	189°, 61%, 50%
XYZ	11.2281, 14.4468, 22.2754
YIQ	96.6340, -43.1880, -10.2600

Conversions

Conversions Part 2

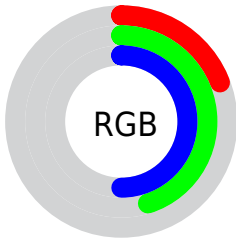
Format	Color
RYB	49, 85, 127
Decimal	3240831
CIELab	44.87, -17.02, -12.90
CIElCh	45, 21.360, 217.163
Yxy	14.4473, 0.2342, 0.3013
Android (android.graphics.Color)	4281430911 (0xFF31737F)
YUV	96.6340, 14.9704, -41.7750
Hunter-Lab	38.0089, -13.7852, -8.1411




Details

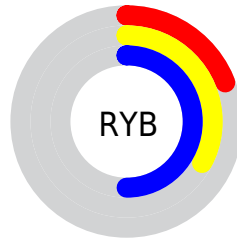
The HunterLab color **38.0089, -13.7852, -8.1411** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **28.4107, 19.2410, 11.7785**, and the grayscale version is **34.3960, -1.8353, 1.8688**.




A 20% lighter version of the original color is **58.2029, -16.7012, -8.4145**, and **21.3644, -9.1285, -6.9979** is the 20% darker color. If you saturate the color by 10%, you get **37.0593, -14.3779, -9.5396**, and if you desaturate by 10%, it is **39.0630, -12.8172, -6.6298**.

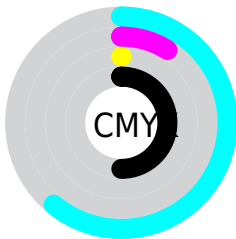
Distribution







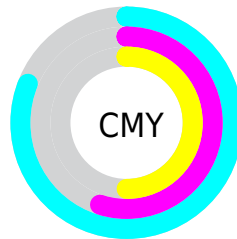
-  Red (19%)
-  Green (45%)
-  Blue (50%)






-  Red (19%)
-  Yellow (33%)
-  Blue (50%)



-  Cyan (61%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (50%)



-  Cyan (81%)
-  Magenta (55%)
-  Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0089, -13.7852, -8.1411 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 38.0089, -13.7852, -8.1411 by changing the saturation by 10% instead.

■ 38.0089, -13.7852,
-8.1411

■ 38.0089, -13.7852,
-8.1411

■ 148.3226,
-27.1706, -6.8945

■ 29.0386, -12.1578,
-7.9705

■ 58.2071, -16.8817,
-8.2594

■ 20.9114, -10.4401,
-7.7192

■ 69.3310, -18.3825,
-8.2207

■ 13.7268, -8.5769,
-7.3873

■ 81.0851, -19.8647,
-8.1236

■ 7.3409, -10.4964,
-7.7010

■ 93.4374, -21.3346,
-7.9724

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 106.3600,
-22.7969, -7.7709

0.0000, NaN, NaN

■ 119.8290,

0.0000, NaN, NaN

-24.2553, -7.5223

0.0000, NaN, NaN

133.8228,
-25.7124, -7.2293

■ 38.0089, -13.7852,
-8.1411

■ 38.0089, -13.7852,
-8.1411

■ 37.0593, -14.3779,
-9.5396

■ 39.0630, -12.8172,
-6.6298

■ 36.2094, -14.5977,
-10.8212

■ 40.2199, -11.4816,
-5.0170

■ 35.4544, -14.4617,
-11.9842

■ 41.4790, -9.7942,
-3.3130

■ 34.8490, -14.1856,
-12.9356

■ 42.8381, -7.7762,
-1.5297

■ 44.2939, -5.4520,
0.3214

■ 45.8425, -2.8475,
2.2292

■ 47.4798, 0.0109,
4.1837

■ 49.2014, 3.0980,
6.1759

■ 51.0029, 6.3894,
8.1982

Harmonies

Analogous

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



38.0096, -16.4293, 0.1529



38.0089, -13.7852, -8.1411



38.0096, -7.9520, -14.4918

Triad

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



38.0096, -13.7853, -8.1405



38.0096, 13.6022, -4.2176



38.0096, -3.9742, 14.1350

Complementary

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



38.0089, -13.7852, -8.1411



28.4107, 19.2410, 11.7785

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.



38.0096, 4.2781, 13.4492



38.0089, -13.7852, -8.1411



38.0096, 14.8939, 3.8902

Square

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



38.0096, -13.7853, -8.1405



38.0096, 7.9601, -11.9128



38.0096, 11.3538, 10.0527



38.0096, -11.0845, 12.1772

Rectangle

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



38.0089, -13.7852, -8.1411



38.0096, -2.8066, -16.1440



38.0096, 11.3538, 10.0527



38.0096, -1.2474, 14.1977

Sweetspot

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



38.0096, -13.7853, -8.1405



57.8938, -9.5188, -1.3162



40.2067, -27.3394, 17.8477



27.7812, -4.9681, -0.9345



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



38.0096, -13.7853, -8.1405



49.0817, -19.4287, -13.5310



27.1958, 2.9660, -26.9645



21.8581, -2.3862, 0.3711



34.9948, -14.2429, -12.9942

0.0000, NaN, NaN

Inverse Universe

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



28.1903, 32.6383, -16.1724



34.5218, 52.2967, -25.1368



37.1364, 1.5135, 18.2699



20.9795, 1.3233, -0.2440



23.7293, 45.1895, -19.9558

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 38.0089, -13.7852, -8.1411 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 38.0089, -13.7852, -8.1411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

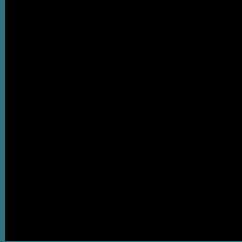
Any Text WCAG AA × Fail

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 38.0089, -13.7852, -8.1411 Background



This preview shows how black text looks on a background with the HunterLab color 38.0089, -13.7852, -8.1411.



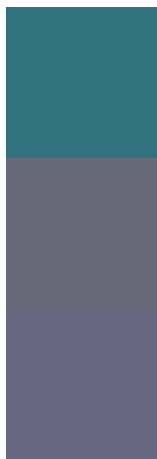
This preview shows how white text looks on a background with the HunterLab color 38.0089,

-13.7852, -8.1411.

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

38.0089, -13.7852, -8.1411

Protanopia

37.8719, -0.1239, -4.4843

Deuteranopia

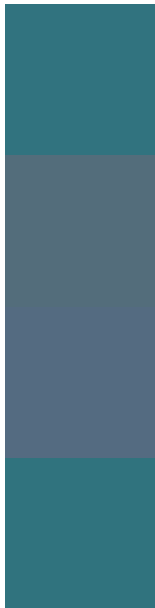
37.7561, 2.8966, -9.8483



Tritanopia

37.9085, -14.3023, -7.2368

Trichromacy



Original Color

38.0089, -13.7852, -8.1411

Protanomaly

37.6913, -6.2357, -6.3610

Deuteranomaly

37.3968, -3.9840, -9.9537

Tritanomaly

37.9423, -14.1059, -7.7114

Monochromacy



Original Color

38.0089, -13.7852, -8.1411

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

35.6214, -7.3896, -1.7938

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0089, -13.7852, -8.1411 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(49, 115, 127)` looks like.

```
.text, #text, p{  
    color:rgb(49, 115, 127)  
}
```

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(49, 115, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 115, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0089, -13.7852, -8.1411 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(49, 115, 127) }
```


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

```
.border{ border-color:rgb(49, 115, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 115, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 115, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 115, 127);  
box-shadow:4px 4px 4px 4px rgb(49, 115,  
127) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.0089, -13.7852, -8.1411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 115, 127) }
```

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

```
.background{ background-color: rgb(49, 115,  
127) }
```

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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