

Converting Colors

HunterLab(40.3429, -10.7995,
-5.3437)

Have a look what the booklet for
HunterLab(40.3429, -10.7995,
-5.3437) contains.

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Color

**HunterLab(40.4103,
-10.8489, -5.2525)**

Conversions

Conversions Part 1

Format	Color
Hex	4D7780
RGB	77, 119, 128
RGB Percent	30%, 47%, 50%
CMY	0.6980, 0.5333, 0.4980
CMYK	0.40, 0.07, 0.00, 0.50
HSL	191°, 25%, 40%
HSV	191°, 40%, 50%
XYZ	13.5537, 16.3299, 22.8597
YIQ	107.4680, -27.9210, -6.1050

Conversions

Conversions Part 2

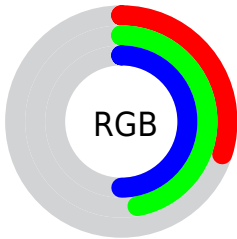
Format	Color
R_{YB}	77, 100, 128
Decimal	5076864
CIE _{Lab}	47.41, -12.07, -9.55
CIE _{LCh}	47, 15.394, 218.343
Yxy	16.3306, 0.2570, 0.3096
Android (android.graphics.Color)	4283266944 (0xFF4D7780)
YUV	107.4680, 10.1223, -26.7204
Hunter-Lab	40.4103, -10.8489, -5.2525

Details

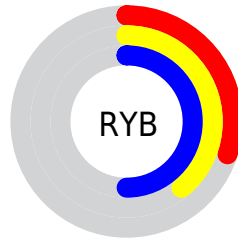
The HunterLab color $[40.4103, -10.8489, -5.2525]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[34.3232, 10.5044, 9.2045]$, and the grayscale version is $[38.4932, -2.0539, 2.0914]$.

A 20% lighter version of the original color is $[60.8697, -13.2526, -5.3059]$, and $[23.0304, -8.3977, -4.9991]$ is the 20% darker color. If you saturate the color by 10%, you get $[39.1385, -12.1431, -7.0329]$, and if you desaturate by 10%, it is $[41.7857, -9.2076, -3.3903]$.

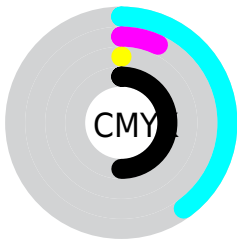
Distribution



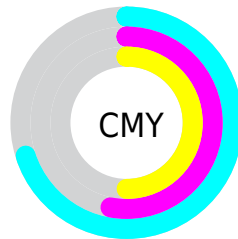
- Red (30%)
- Green (47%)
- Blue (50%)



- Red (30%)
- Yellow (39%)
- Blue (50%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (50%)



- Cyan (70%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4103, -10.8489, -5.2525 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 40.4103, -10.8489, -5.2525 by changing the saturation by 10% instead.

■ 40.4103, -10.8489,
-5.2525

■ 40.4103, -10.8489,
-5.2525

152.0804,
-21.9997, -2.7449

■ 31.2384, -9.5778,
-5.2475

■ 60.9681, -13.3317,
-5.0550

■ 22.8890, -8.2657,
-5.1634

■ 72.2553, -14.5602,
-4.8669

■ 15.4538, -6.8831,
-4.9896

■ 84.1641, -15.7876,
-4.6258

■ 9.0543, -6.2940,
-4.7382

■ 96.6635, -17.0171,
-4.3357

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 109.7270,
-18.2514, -3.9999

0.0000, NaN, NaN

123.3310,

0.0000, NaN, NaN

-19.4924, -3.6213

0.0000, NaN, NaN

137.4550,
-20.7414, -3.2022

■ 40.4103, -10.8489,
-5.2525

■ 40.4103, -10.8489,
-5.2525

■ 39.1385, -12.1431,
-7.0329

■ 41.7857, -9.2076,
-3.3903

■ 37.9699, -13.0708,
-8.7213

■ 43.2594, -7.2412,
-1.4608

■ 36.9060, -13.6210,
-10.3059

■ 44.8282, -4.9755,
0.5251

■ 35.9451, -13.7922,
-11.7781

■ 46.4879, -2.4370,
2.5567

■ 35.0828, -13.5971,
-13.1339

■ 48.2341, 0.3481,
4.6244

■ 34.2857, -13.1619,
-14.4200

■ 50.0622, 3.3549,
6.7202

■ 34.2731, -13.1550,
-14.4405

■ 51.9676, 6.5600,
8.8372

■ 53.9460, 9.9419,
10.9699

■ 55.9930, 13.4812,
13.1139

Harmonies

Analogous

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



40.4111, -12.9940, 0.5677



40.4103, -10.8489, -5.2525



40.4111, -6.3456, -9.4420

Triad

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



40.4111, -10.8493, -5.2518



40.4111, 9.1825, -2.0825



40.4111, -3.8257, 11.6551

Complementary

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



40.4103, -10.8489, -5.2525



34.3232, 10.5044, 9.2045

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.



40.4111, 2.2066, 11.1604



40.4103, -10.8489, -5.2525



40.4111, 9.9548, 3.7664

Square

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



40.4111, -10.8493, -5.2518



40.4111, 5.2828, -7.4337



40.4111, 7.3353, 8.4567



40.4111, -9.0973, 9.9238

Rectangle

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



40.4103, -10.8489, -5.2525



40.4111, -2.4928, -10.4397



40.4111, 7.3353, 8.4567



40.4111, -1.8229, 11.7379

Sweetspot

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



40.4111, -10.8493, -5.2518



58.9641, -7.3683, 0.0494



42.0479, -20.7753, 13.2795



28.4249, -3.7203, -0.1093



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.



40.4111, -10.8493, -5.2518



52.0524, -16.0023, -9.1616



33.3798, 0.1940, -15.7027



21.8217, -2.3278, 0.3280



34.1308, -13.1028, -14.3752

0.0000, NaN, NaN

Inverse Universe

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



33.5101, 20.6519, -9.8703



41.2596, 34.4833, -16.4819



40.6131, -1.0743, 14.7561



20.9757, 1.3028, -0.1898



23.6019, 44.7404, -18.2483

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.4103, -10.8489, -5.2525 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 40.4103, -10.8489, -5.2525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

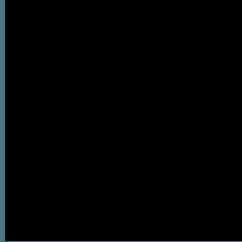
Any Text WCAG AA × Fail

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 40.4103, -10.8489, -5.2525 Background



This preview shows how black text looks on a background with the HunterLab color 40.4103, -10.8489, -5.2525.



This preview shows how white text looks on a background with the HunterLab color 40.4103,

-10.8489, -5.2525.

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

40.4103, -10.8489, -5.2525

Protanopia

40.2224, -0.2045, -2.8408

Deuteranopia

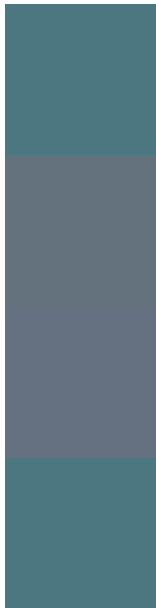
40.1577, 2.7876, -6.3871



Tritanopia

40.4103, -10.8489, -5.2525

Trichromacy



Original Color

40.4103, -10.8489, -5.2525

Protanomaly

40.2094, -4.3787, -3.9087

Deuteranomaly

40.2019, -2.7113, -5.9053

Tritanomaly

40.4103, -10.8489, -5.2525

Monochromacy



Original Color

40.4103, -10.8489, -5.2525

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

38.8503, -5.4892, -0.9097

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4103, -10.8489, -5.2525 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(77, 119, 128)` looks like.

```
.text, #text, p{  
    color:rgb(77, 119, 128)  
}
```

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(77, 119, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 119, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4103, -10.8489, -5.2525 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(77, 119, 128) }
```


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

```
.border{ border-color:rgb(77, 119, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 119, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 119, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 119, 128);  
box-shadow:4px 4px 4px 4px rgb(77, 119,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4103, -10.8489, -5.2525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 119, 128) }
```

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

```
.background{ background-color: rgb(77, 119,  
128) }
```

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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