

Converting Colors

HunterLab(41.3403, -3.7630,
-16.3445)

Have a look what the booklet for
HunterLab(41.3403, -3.7630,
-16.3445) contains.

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Color

**HunterLab(41.4939, -3.8073,
-16.3334)**

Conversions

Conversions Part 1

Format	Color
Hex	577697
RGB	87, 118, 151
RGB Percent	34%, 46%, 59%
CMY	0.6588, 0.5372, 0.4078
CMYK	0.42, 0.22, 0.00, 0.41
HSL	211°, 27%, 47%
HSV	211°, 42%, 59%
XYZ	15.9948, 17.2174, 31.7584
YIQ	112.4930, -29.0690, 3.6910

Conversions

Conversions Part 2

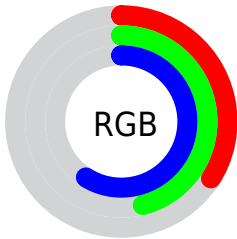
Format	Color
R_{YB}	87, 108, 151
Decimal	5731991
CIE _{Lab}	48.53, -2.11, -21.37
CIE _{LCh}	49, 21.476, 264.357
Yxy	17.2181, 0.2462, 0.2650
Android (android.graphics.Color)	4283922071 (0xFF577697)
YUV	112.4930, 18.9840, -22.3574
Hunter-Lab	41.4939, -3.8073, -16.3334

Details

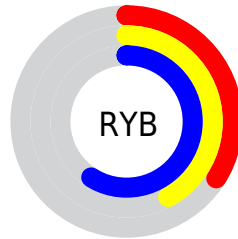
The HunterLab color $41.4939, -3.8073, -16.3334$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $45.4981, 3.5496, 16.3470$, and the grayscale version is $40.3802, -2.1546, 2.1939$.

A 20% lighter version of the original color is $62.1661, -5.3028, -16.8719$, and $23.8233, -2.5943, -15.3714$ is the 20% darker color. If you saturate the color by 10%, you get $38.4798, -3.0899, -21.4556$, and if you desaturate by 10%, it is $44.6461, -4.1220, -11.4433$.

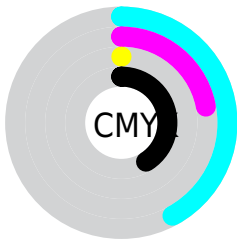
Distribution



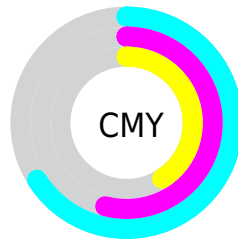
- Red (34%)
- Green (46%)
- Blue (59%)



- Red (34%)
- Yellow (42%)
- Blue (59%)



- Cyan (42%)
- Magenta (22%)
- Yellow (0%)
- Black (41%)



- Cyan (66%)
- Magenta (54%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.4939, -3.8073, -16.3334 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 41.4939, -3.8073, -16.3334 by changing the saturation by 10% instead.

■ 41.4939, -3.8073,
-16.3334

■ 41.4939, -3.8073,
-16.3334

153.7615,
-10.6859, -17.4847

■ 32.2337, -3.1824,
-15.9053

■ 62.2096, -5.1472,
-16.9982

■ 23.7873, -2.5879,
-15.4288

■ 73.5686, -5.8600,
-17.2353

■ 16.2434, -2.0239,
-14.9461

■ 85.5455, -6.6002,
-17.4115

■ 9.7265, -1.4885,
-14.6071

■ 98.1099, -7.3671,
-17.5300

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 111.2354, -8.1598,
-17.5938

0.0000, NaN, NaN

124.8991, -8.9776,

0.0000, NaN, NaN

-17.6058

0.0000, NaN, NaN

139.0806, -9.8199,
-17.5686

■ 41.4939, -3.8073,
-16.3334

■ 41.4939, -3.8073,
-16.3334

■ 38.4798, -3.0899,
-21.4556

■ 44.6461, -4.1220,
-11.4433

■ 35.6174, -1.9114,
-26.8242

■ 47.9197, -4.0865,
-6.7692

■ 32.9254, -0.2134,
-32.4380

■ 51.3034, -3.7478,
-2.2890

■ 30.4228, 2.0550,
-38.2774

■ 54.7866, -3.1464,
2.0191

■ 28.1273, 4.9223,
-44.2985

■ 58.3604, -2.3167,
6.1760

■ 26.4917, 7.3938,
-49.0734

■ 62.0169, -1.2879,
10.2009

■ 65.7494, -0.0843,
14.1110

■ 69.5523, 1.2733,
17.9216

■ 73.4204, 2.7674,
21.6462

Harmonies

Analogous

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



41.4947, -11.2973, -12.4276



41.4939, -3.8073, -16.3334



41.4947, 4.7251, -14.5026

Triad

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



41.4947, -3.8075, -16.3326



41.4947, 13.7078, 8.1602



41.4947, -14.6536, 10.3192

Complementary

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



41.4939, -3.8073, -16.3334



45.4981, 3.5496, 16.3470

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.



41.4947, -8.7293, 14.0504



41.4939, -3.8073, -16.3334



41.4947, 7.7198, 12.9904

Square

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



41.4947, -3.8075, -16.3326



41.4947, 15.2895, 0.7043



41.4947, -0.6007, 14.9198



41.4947, -17.2285, 3.7552

Rectangle

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



41.4939, -3.8073, -16.3334



41.4947, 9.8101, -10.4331



41.4947, -0.6007, 14.9198



41.4947, -13.0120, 11.8892

Sweetspot

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



41.4947, -3.8075, -16.3326



68.2528, -5.0700, -3.5798



50.4894, -23.5620, 10.2033



32.0893, -2.4731, -2.2894



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



41.4947, -3.8075, -16.3326



51.6372, -4.1800, -28.4590



33.2830, 11.0734, -31.4537



25.4861, -1.7441, -0.4455



24.5502, 6.5894, -44.9103



4.0309, -0.9397, -3.0097

Inverse Universe

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



38.3461, 23.3923, -2.4635



47.1410, 39.2294, -3.8130



54.2227, -10.7804, 23.3629



25.0400, 1.2838, 0.7093



24.5229, 43.6949, 2.6791



3.1179, 5.7735, -1.3501

Previews

White Background



This preview shows how the HunterLab color 41.4939, -3.8073, -16.3334 looks on a white background.

Color Contrast Check

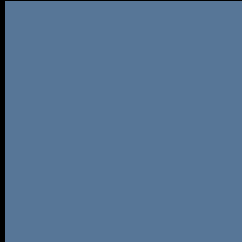
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.4939, -3.8073, -16.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

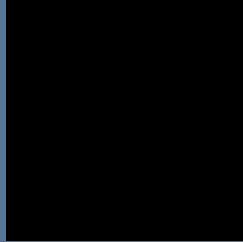
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

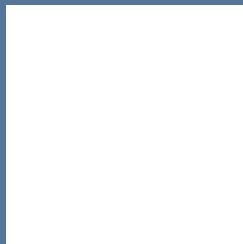
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 41.4939, -3.8073, -16.3334 Background



This preview shows how black text looks on a background with the HunterLab color 41.4939, -3.8073, -16.3334.



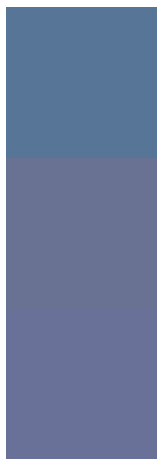
This preview shows how white text looks on a background with the HunterLab color 41.4939, -3.8073, -16.3334.

-16.3334.

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

41.4939, -3.8073, -16.3334

Protanopia

41.5174, 1.7521, -14.3969

Deuteranopia

41.4022, 3.0661, -16.9746



Tritanopia

41.6553, -10.6076, -5.0811

Trichromacy



Original Color

41.4939, -3.8073, -16.3334

Protanomaly

41.3328, -0.2070, -15.3214

Deuteranomaly

41.4501, 0.4289, -16.9421

Tritanomaly

41.7068, -8.4421, -8.6301

Monochromacy



Original Color

41.4939, -3.8073, -16.3334

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.5272, -3.1966, -3.9603

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.4939, -3.8073, -16.3334 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(87, 118, 151)` looks like.

```
.text, #text, p{  
    color:rgb(87, 118, 151)  
}
```

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(87, 118, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 118, 151) }
```

Border

The CSS property to change the border of an element to HunterLab 41.4939, -3.8073, -16.3334 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(87, 118, 151) }
```


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

```
.border{ border-color:rgb(87, 118, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 118, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 118, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 118, 151);  
box-shadow:4px 4px 4px 4px rgb(87, 118,  
151) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.4939, -3.8073, -16.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 118, 151) }
```

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

```
.background{ background-color: rgb(87, 118,  
151) }
```

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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