

Converting Colors

HunterLab(41.7690, -17.2548,
1.9710)

Have a look what the booklet for
HunterLab(41.7690, -17.2548,
1.9710) contains.

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Color

**HunterLab(41.7707,
-17.2569, 1.9837)**

Conversions

Conversions Part 1

Format	Color
Hex	457E74
RGB	69, 126, 116
RGB Percent	27%, 49%, 45%
CMY	0.7294, 0.5059, 0.5451
CMYK	0.45, 0.00, 0.08, 0.51
HSL	169°, 29%, 38%
HSV	169°, 45%, 49%
XYZ	13.0675, 17.4479, 19.2021
YIQ	107.8170, -30.7620, -15.1940

Conversions

Conversions Part 2

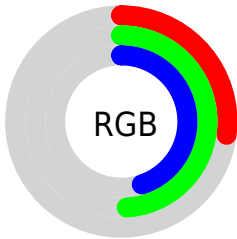
Format	Color
R_{YB}	69, 100, 126
Decimal	4554356
CIE _{Lab}	48.82, -21.33, -0.40
CIE _{LCh}	49, 21.338, 181.070
Yxy	17.4486, 0.2628, 0.3509
Android (android.graphics.Color)	4282744436 (0xFF457E74)
YUV	107.8170, 4.0342, -34.0425
Hunter-Lab	41.7707, -17.2569, 1.9837

Details

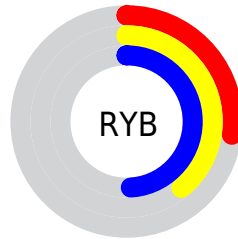
The HunterLab color $[41.7707, -17.2569, 1.9837]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[30.4251, 18.0045, 4.6468]$, and the grayscale version is $[38.6493, -2.0622, 2.0999]$.

A 20% lighter version of the original color is $[62.5558, -20.8070, 3.0706]$, and $[24.1385, -13.4449, 1.2058]$ is the 20% darker color. If you saturate the color by 10%, you get $[41.2127, -19.5418, 2.2404]$, and if you desaturate by 10%, it is $[42.4399, -14.5917, 1.8589]$.

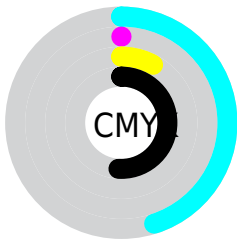
Distribution



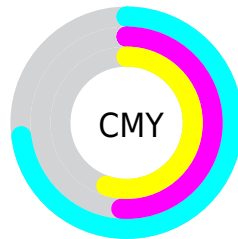
- Red (27%)
- Green (49%)
- Blue (45%)



- Red (27%)
- Yellow (39%)
- Blue (49%)



- Cyan (45%)
- Magenta (0%)
- Yellow (8%)
- Black (51%)



- Cyan (73%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.7707, -17.2569, 1.9837 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 41.7707, -17.2569, 1.9837 by changing the saturation by 10% instead.

■ 41.7707, -17.2569,
1.9837

■ 41.7707, -17.2569,
1.9837

154.1896,
-32.5314, 7.9465

■ 32.4882, -15.3575,
1.5020

■ 62.5264, -20.8477,
3.0726

■ 24.0174, -13.3464,
1.0662

■ 73.9036, -22.5751,
3.6730

■ 16.4461, -11.1658,
0.6824

■ 85.8977, -24.2728,
4.3080

■ 9.8975, -9.9751,
0.3586

■ 98.4785, -25.9485,
4.9758

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 111.6198,
-27.6082, 5.6747

0.0000, NaN, NaN

125.2986,

0.0000, NaN, NaN

-29.2563, 6.4036

0.0000, NaN, NaN

139.4946,
-30.8964, 7.1612

■ 41.7707, -17.2569,
1.9837

■ 41.7707, -17.2569,
1.9837

■ 41.2127, -19.5418,
2.2404

■ 42.4399, -14.5917,
1.8589

■ 40.7602, -21.4389,
2.6211

■ 43.2193, -11.5597,
1.8676

■ 40.4090, -22.9531,
3.1169

■ 44.1099, -8.1831,
2.0106

■ 40.1518, -24.1015,
3.7150

■ 45.1105, -4.4889,
2.2860

■ 39.9749, -24.9307,
4.3949

■ 46.2189, -0.5069,
2.6897

■ 39.8995, -25.2902,
4.7235

■ 47.4323, 3.7317,
3.2158

■ 48.7469, 8.1953,
3.8575

■ 50.1588, 12.8539,
4.6072

■ 51.6637, 17.6790,
5.4569

Harmonies

Analogous

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



41.7715, -15.5133, 9.0767



41.7707, -17.2569, 1.9837



41.7715, -15.2489, -6.5090

Triad

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



41.7715, -17.2573, 1.9842



41.7715, 6.4833, -13.2379



41.7715, 5.9172, 13.6591

Complementary

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



41.7707, -17.2569, 1.9837



30.4251, 18.0045, 4.6468

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.



41.7715, 12.6063, 9.4855



41.7707, -17.2569, 1.9837



41.7715, 12.9509, -5.9094

Square

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



41.7715, -17.2573, 1.9842



41.7715, -1.9274, -16.3052



41.7715, 15.2745, 2.5612



41.7715, -2.5339, 14.9565

Rectangle

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



41.7707, -17.2569, 1.9837



41.7715, -11.9522, -11.6149



41.7715, 15.2745, 2.5612



41.7715, 8.4693, 12.5931

Sweetspot

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



41.7715, -17.2573, 1.9842



58.6356, -10.4273, 2.6935



41.2720, -21.2017, 16.9717



27.8578, -5.3751, 1.2608



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.



41.7715, -17.2573, 1.9842



54.6754, -25.9328, 2.9734



36.7244, -7.9924, -9.3792



22.0779, -2.9406, 1.0685



40.4114, -25.6192, 4.7938

0.0000, NaN, NaN

Inverse Universe

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



30.4251, 18.0045, 4.6468



36.8740, 30.0334, 7.5017



34.1912, 8.5101, 11.4536



20.8702, 0.7354, 1.3130



21.4706, 37.0456, 11.7304

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 41.7707, -17.2569, 1.9837 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 41.7707, -17.2569, 1.9837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

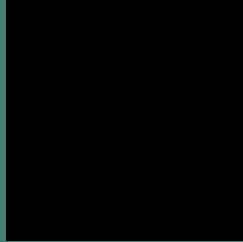
Any Text WCAG AA × Fail

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 41.7707, -17.2569, 1.9837 Background



This preview shows how black text looks on a background with the HunterLab color 41.7707, -17.2569, 1.9837.



This preview shows how white text looks on a background with the HunterLab color 41.7707,

-17.2569, 1.9837.

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

41.7707, -17.2569, 1.9837

Protanopia

41.6043, -1.7884, 4.5823

Deuteranopia

41.5695, 2.7481, 0.7704



Tritanopia

41.6116, -12.1615, -6.1898

Trichromacy



Original Color

41.7707, -17.2569, 1.9837

Protanomaly

41.3887, -8.2203, 3.4002

Deuteranomaly

41.2721, -5.3752, 0.7155

Tritanomaly

41.6237, -14.0433, -3.1982

Monochromacy



Original Color

41.7707, -17.2569, 1.9837

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

39.7352, -8.3699, 1.8981

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.7707, -17.2569, 1.9837 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(69, 126, 116)` looks like.

```
.text, #text, p{  
    color:rgb(69, 126, 116)  
}
```

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(69, 126, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 126, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 41.7707, -17.2569, 1.9837 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(69, 126, 116) }
```


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

```
.border{ border-color:rgb(69, 126, 116) }
```

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

Here you see how a box with a 4 pixel rgb(69, 126, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 126, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 126, 116);  
box-shadow:4px 4px 4px 4px rgb(69, 126,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.7707, -17.2569, 1.9837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 126, 116) }
```

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

```
.background{ background-color: rgb(69, 126,  
116) }
```

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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