

Converting Colors

HunterLab(42.1502, -14.8556,
7.7308)

Have a look what the booklet for
HunterLab(42.1502, -14.8556,
7.7308) contains.

HunterLab(42.1549, -14.9063, 7.6668)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(42.1549,
-14.9063, 7.6668)**

Conversions

Conversions Part 1

Format	Color
Hex	597D67
RGB	89, 125, 103
RGB Percent	35%, 49%, 40%
CMY	0.6510, 0.5098, 0.5961
CMYK	0.29, 0.00, 0.18, 0.51
HSL	143°, 17%, 42%
HSV	143°, 29%, 49%
XYZ	13.9016, 17.7704, 15.5293
YIQ	111.7280, -14.3940, -14.4740

Conversions

Conversions Part 2

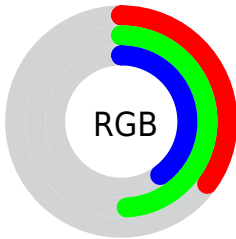
Format	Color
R_{YB}	89, 115, 125
Decimal	5864807
CIE _{Lab}	49.22, -17.67, 7.95
CIE _{LCh}	49, 19.373, 155.779
Yxy	17.7711, 0.2945, 0.3765
Android (android.graphics.Color)	4284054887 (0xFF597D67)
YUV	111.7280, -4.3029, -19.9325
Hunter-Lab	42.1549, -14.9063, 7.6668

Details

The HunterLab color $42.1549, -14.9063, 7.6668$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $35.5708, 12.5200, -2.9306$, and the grayscale version is $40.1693, -2.1433, 2.1825$.

A 20% lighter version of the original color is $63.0471, -18.1243, 9.7820$, and $24.3857, -11.5430, 5.7277$ is the 20% darker color. If you saturate the color by 10%, you get $41.3011, -18.5277, 9.4591$, and if you desaturate by 10%, it is $43.1317, -10.8929, 5.8564$.

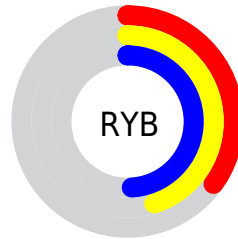
Distribution



Red (35%)

Green (49%)

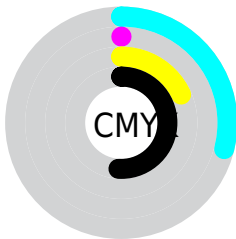
Blue (40%)



Red (35%)

Yellow (45%)

Blue (49%)

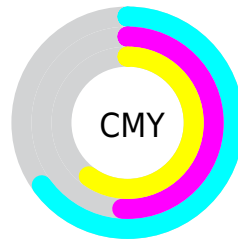


Cyan (29%)

Magenta (0%)

Yellow (18%)

Black (51%)



Cyan (65%)

Magenta (51%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.1549, -14.9063, 7.6668 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 42.1549, -14.9063, 7.6668 by changing the saturation by 10% instead.

■ 42.1549, -14.9063,
7.6668

■ 42.1549, -14.9063,
7.6668

154.7830,
-28.5266, 17.0665

■ 32.8417, -13.2642,
6.6668

■ 62.9658, -18.0484,
9.6737

■ 24.3372, -11.5414,
5.6568

■ 74.3681, -19.5750,
10.6890

■ 16.7281, -9.6944,
4.6204

■ 86.3861, -21.0839,
11.7159

■ 10.1359, -8.2531,
3.8464

■ 98.9896, -22.5811,
12.7560

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.1526,
-24.0709, 13.8105

0.0000, NaN, NaN

125.8524,

0.0000, NaN, NaN

-25.5567, 14.8801

0.0000, NaN, NaN

140.0685,
-27.0412, 15.9653

■ 42.1549, -14.9063,
7.6668

■ 42.1549, -14.9063,
7.6668

■ 41.3011, -18.5277,
9.4591

■ 43.1317, -10.8929,
5.8564

■ 40.5683, -21.7222,
11.2124

■ 44.2268, -6.5235,
4.0441

■ 39.9565, -24.4658,
12.9070

■ 45.4379, -1.8394,
2.2461

■ 39.4626, -26.7447,
14.5226

■ 46.7611, 3.1181,
0.4757

■ 39.0814, -28.5588,
16.0397

■ 48.1916, 8.3092,
-1.2564

■ 38.8051, -29.9241,
17.4402

■ 49.7246, 13.6968,
-2.9421

■ 38.6054, -30.9478,
18.6941

■ 51.3548, 19.2470,
-4.5752

■ 38.5829, -31.0633,
18.8315

■ 53.0769, 24.9302,
-6.1519

■ 54.8857, 30.7203,
-7.6700

Harmonies

Analogous

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



42.1558, -10.5532, 12.1857



42.1549, -14.9063, 7.6668



42.1558, -15.9777, 0.8537

Triad

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



42.1558, -14.9070, 7.6673



42.1558, -0.7524, -14.2363



42.1558, 10.4281, 9.7180

Complementary

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



42.1549, -14.9063, 7.6668



35.5708, 12.5200, -2.9306

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.



42.1558, 13.4920, 3.6865



42.1549, -14.9063, 7.6668



42.1558, 6.7467, -10.7866

Square

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



42.1558, -14.9070, 7.6673



42.1558, -8.1483, -12.6546



42.1558, 12.0989, -3.8938



42.1558, 3.9881, 13.2127

Rectangle

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



42.1549, -14.9063, 7.6668



42.1558, -14.7577, -4.2926



42.1558, 12.0989, -3.8938



42.1558, 11.9072, 7.9651

Sweetspot

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



42.1558, -14.9070, 7.6673



59.1183, -8.9820, 5.5125



43.3380, -11.1017, 13.5800



28.1063, -4.6349, 2.7702



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.



42.1558, -14.9070, 7.6673



55.5885, -23.4192, 11.9536



42.6233, -12.2212, 0.9761



22.0097, -3.3203, 2.0426



39.4144, -31.7445, 19.2628

0.0000, NaN, NaN

Inverse Universe

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



35.5708, 12.5200, -2.9306



44.7827, 21.7336, -5.3807



35.0699, 9.9618, 4.1973



20.9403, 1.1126, 0.3139



22.5819, 41.1027, -4.2497

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 42.1549, -14.9063, 7.6668 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 42.1549, -14.9063, 7.6668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

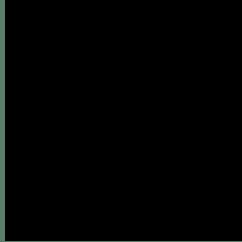
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 42.1549, -14.9063, 7.6668 Background



This preview shows how black text looks on a background with the HunterLab color 42.1549, -14.9063, 7.6668.



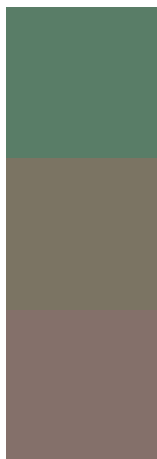
This preview shows how white text looks on a background with the HunterLab color 42.1549,

-14.9063, 7.6668.

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

42.1549, -14.9063, 7.6668

Protanopia

41.9554, -2.5167, 9.1271

Deuteranopia

41.8742, 3.0723, 6.5496



Tritanopia

42.1264, -7.3938, -4.3927

Trichromacy



Original Color

42.1549, -14.9063, 7.6668

Protanomaly

41.8249, -7.2451, 8.5544

Deuteranomaly

41.7798, -4.2711, 6.7039

Tritanomaly

41.9842, -10.0174, 0.1496

Monochromacy



Original Color

42.1549, -14.9063, 7.6668

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.9509, -7.0196, 4.1636

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.1549, -14.9063, 7.6668 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(89, 125, 103)` looks like.

```
.text, #text, p{  
    color:rgb(89, 125, 103)  
}
```

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(89, 125, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 125, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 42.1549, -14.9063, 7.6668 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(89, 125, 103) }
```


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

```
.border{ border-color:rgb(89, 125, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 125, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 125, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 125, 103);  
box-shadow:4px 4px 4px 4px rgb(89, 125,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.1549, -14.9063, 7.6668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 125, 103) }
```

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

```
.background{ background-color: rgb(89, 125,  
103) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor