

Converting Colors

HunterLab(42.4957, -15.0011,
6.7060)

Have a look what the booklet for
HunterLab(42.4957, -15.0011,
6.7060) contains.

HunterLab(42.4947, -14.9735, 6.5153)	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(42.4947,
-14.9735, 6.5153)**

Conversions

Conversions Part 1

Format	Color
Hex	587E6B
RGB	88, 126, 107
RGB Percent	35%, 49%, 42%
CMY	0.6549, 0.5059, 0.5804
CMYK	0.30, 0.00, 0.15, 0.51
HSL	150°, 18%, 42%
HSV	150°, 30%, 49%
XYZ	14.1392, 18.0580, 16.6503
YIQ	112.4720, -16.5490, -13.9650

Conversions

Conversions Part 2

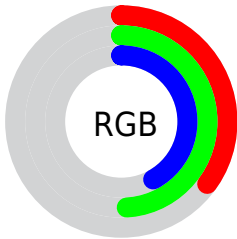
Format	Color
RYB	88, 113, 126
Decimal	5799531
CIELab	49.57, -17.68, 6.10
CIElCh	50, 18.705, 160.981
Yxy	18.0587, 0.2895, 0.3697
Android (android.graphics.Color)	4283989611 (0xFF587E6B)
YUV	112.4720, -2.6977, -21.4619
Hunter-Lab	42.4947, -14.9735, 6.5153

Details

The HunterLab color **42.4947, -14.9735, 6.5153** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **35.3229, 12.7141, -1.3610**, and the grayscale version is **40.4493, -2.1583, 2.1977**.

A 20% lighter version of the original color is **63.4017, -18.2169, 8.4990**, and **24.6680, -11.7314, 4.7200** is the 20% darker color. If you saturate the color by 10%, you get **41.6752, -18.4132, 7.9511**, and if you desaturate by 10%, it is **43.4341, -11.1542, 5.1209**.

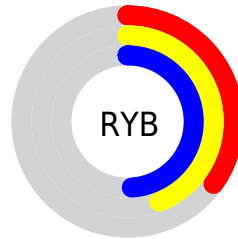
Distribution



Red (35%)

Green (49%)

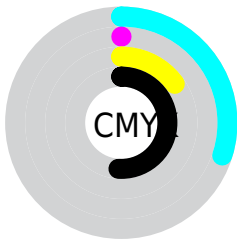
Blue (42%)



Red (35%)

Yellow (44%)

Blue (49%)

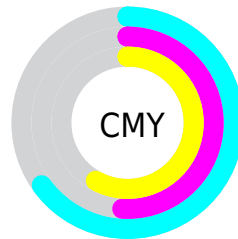


Cyan (30%)

Magenta (0%)

Yellow (15%)

Black (51%)



Cyan (65%)

Magenta (51%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.4947, -14.9735, 6.5153 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 42.4947, -14.9735, 6.5153 by changing the saturation by 10% instead.

■ 42.4947, -14.9735,
6.5153

■ 42.4947, -14.9735,
6.5153

155.3068,
-28.5965, 15.1351

■ 33.1544, -13.3325,
5.6355

■ 63.3541, -18.1149,
8.3114

■ 24.6203, -11.6120,
4.7600

■ 74.7785, -19.6416,
9.2322

■ 16.9781, -9.7690,
3.8785

■ 86.8174, -21.1508,
10.1701

■ 10.3476, -8.1892,
3.0772

■ 99.4410, -22.6484,
11.1260

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.6232,
-24.1388, 12.1002

0.0000, NaN, NaN

126.3413,

0.0000, NaN, NaN

-25.6252, 13.0931

0.0000, NaN, NaN

140.5752,
-27.1104, 14.1047

■ 42.4947, -14.9735,
6.5153

■ 42.4947, -14.9735,
6.5153

■ 41.6752, -18.4132,
7.9511

■ 43.4341, -11.1542,
5.1209

■ 40.9731, -21.4428,
9.4117

■ 44.4893, -6.9874,
3.7794

■ 40.3879, -24.0425,
10.8807

■ 45.6583, -2.5108,
2.5015

■ 39.9162, -26.2025,
12.3398

■ 46.9378, 2.2374,
1.2954

■ 39.5524, -27.9262,
13.7700

■ 48.3235, 7.2196,
0.1666

■ 39.2882, -29.2326,
15.1520

■ 49.8107, 12.4006,
-0.8815

■ 39.0913, -30.2435,
16.4263

■ 51.3945, 17.7478,
-1.8475

■ 53.0700, 23.2321,
-2.7314

■ 54.8322, 28.8278,
-3.5346

Harmonies

Analogous

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



42.4956, -11.2561, 11.3627



42.4947, -14.9735, 6.5153



42.4956, -15.4294, -0.3634

Triad

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



42.4956, -14.9742, 6.5158



42.4956, 0.4916, -13.3440



42.4956, 9.0860, 10.3096

Complementary

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



42.4947, -14.9735, 6.5153



35.3229, 12.7141, -1.3610

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.



42.4956, 12.7160, 4.8262



42.4947, -14.9735, 6.5153



42.4956, 7.5316, -9.3046

Square

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



42.4956, -14.9742, 6.5158



42.4956, -6.8348, -12.6798



42.4956, 12.1283, -2.3681



42.4956, 2.4966, 13.2784

Rectangle

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



42.4947, -14.9735, 6.5153



42.4956, -13.8593, -5.3105



42.4956, 12.1283, -2.3681



42.4956, 10.7126, 8.7428

Sweetspot

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



42.4956, -14.9742, 6.5158



59.1647, -8.7235, 4.8494



43.3501, -12.6043, 13.8638



28.1312, -4.4957, 2.4140



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.



42.4956, -14.9742, 6.5158



55.6342, -22.9735, 9.9122



42.9969, -12.0959, -0.6424



22.0268, -3.2251, 1.7984



39.5923, -30.6386, 16.6530

0.0000, NaN, NaN

Inverse Universe

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



35.3229, 12.7141, -1.3610



44.1759, 21.4125, -2.5894



34.8291, 10.1962, 5.6877



20.9221, 1.0148, 0.5731



22.1763, 39.6341, 1.4889

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 42.4947, -14.9735, 6.5153 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 42.4947, -14.9735, 6.5153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

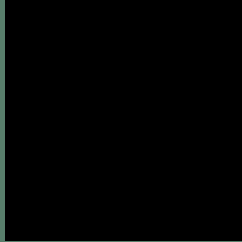
Any Text WCAG AA ✓ Pass

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 42.4947, -14.9735, 6.5153 Background



This preview shows how black text looks on a background with the HunterLab color 42.4947, -14.9735, 6.5153.



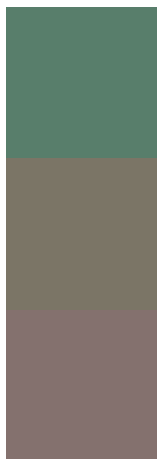
This preview shows how white text looks on a background with the HunterLab color 42.4947,

-14.9735, 6.5153.

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

42.4947, -14.9735, 6.5153

Protanopia

42.2999, -2.5913, 8.4003

Deuteranopia

42.2393, 3.1423, 5.3759



Tritanopia

42.3228, -8.1077, -4.6442

Trichromacy



Original Color

42.4947, -14.9735, 6.5153

Protanomaly

42.1277, -7.4313, 7.3966

Deuteranomaly

42.1592, -4.1674, 5.5585

Tritanomaly

42.2139, -10.5636, -0.4920

Monochromacy



Original Color

42.4947, -14.9735, 6.5153

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.9047, -7.1330, 3.6981

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.4947, -14.9735, 6.5153 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(88, 126, 107)` looks like.

```
.text, #text, p{  
    color:rgb(88, 126, 107)  
}
```

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(88, 126, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 126, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 42.4947, -14.9735, 6.5153 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(88, 126, 107) }
```


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

```
.border{ border-color:rgb(88, 126, 107) }
```

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

Here you see how a box with a 4 pixel rgb(88, 126, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 126, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 126, 107);  
box-shadow:4px 4px 4px 4px rgb(88, 126,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.4947, -14.9735, 6.5153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 126, 107) }
```

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

```
.background{ background-color: rgb(88, 126,  
107) }
```

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