

Converting Colors

HunterLab(41.4714, -14.9627,
9.2747)

Have a look what the booklet for
HunterLab(41.4714, -14.9627,
9.2747) contains.

HunterLab(41.4160, -14.8953, 9.0695)	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(41.4160,
-14.8953, 9.0695)**

Conversions

Conversions Part 1

Format	Color
Hex	597B61
RGB	89, 123, 97
RGB Percent	35%, 48%, 38%
CMY	0.6510, 0.5176, 0.6196
CMYK	0.28, 0.00, 0.21, 0.52
HSL	134°, 16%, 42%
HSV	134°, 28%, 48%
XYZ	13.3605, 17.1529, 13.9160
YIQ	109.8700, -11.9180, -15.2940

Conversions

Conversions Part 2

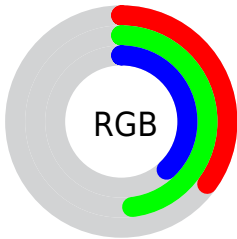
Format	Color
R_{YB}	89, 117, 123
Decimal	5864289
CIE _{Lab}	48.45, -17.84, 10.38
CIE _{LCh}	48, 20.638, 149.798
Yxy	17.1536, 0.3007, 0.3861
Android (android.graphics.Color)	4284054369 (0xFF597B61)
YUV	109.8700, -6.3449, -18.3030
Hunter-Lab	41.4160, -14.8953, 9.0695

Details

The HunterLab color $41.4160, -14.8953, 9.0695$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $35.4879, 12.5188, -5.0129$, and the grayscale version is $39.4654, -2.1058, 2.1442$.

A 20% lighter version of the original color is $62.2609, -18.1144, 11.3677$, and $23.7251, -11.4155, 6.5926$ is the 20% darker color. If you saturate the color by 10%, you get $40.5337, -18.6859, 11.2731$, and if you desaturate by 10%, it is $42.4262, -10.6874, 6.7445$.

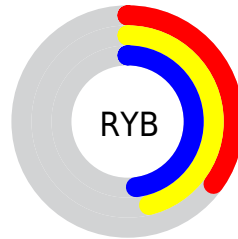
Distribution



Red (35%)

Green (48%)

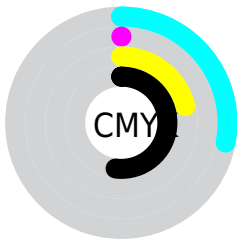
Blue (38%)



Red (35%)

Yellow (46%)

Blue (48%)

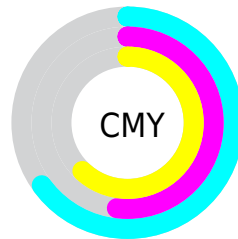


Cyan (28%)

Magenta (0%)

Yellow (21%)

Black (52%)



Cyan (65%)

Magenta (52%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.4160, -14.8953, 9.0695 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 41.4160, -14.8953, 9.0695 by changing the saturation by 10% instead.

41.4160, -14.8953,
9.0695

41.4160, -14.8953,
9.0695

153.6411,
-28.6012, 19.5174

32.1622, -13.2365,
7.9051

62.1205, -18.0637,
11.3624

23.7227, -11.4931,
6.7098

73.4744, -19.6011,
12.5051

16.1865, -9.6189,
5.4582

85.4465, -21.1198,
13.6516

9.6785, -8.5640,
4.9796

98.0062, -22.6259,
14.8047

0.0000, NaN, NaN

0.0000, NaN, NaN

111.1273,
-24.1239, 15.9665

0.0000, NaN, NaN

124.7868,

0.0000, NaN, NaN

-25.6174, 17.1385

0.0000, NaN, NaN

138.9641,
-27.1091, 18.3219

■ 41.4160, -14.8953,
9.0695

■ 41.4160, -14.8953,
9.0695

■ 40.5337, -18.6859,
11.2731

■ 42.4262, -10.6874,
6.7445

■ 39.7779, -22.0191,
13.3292

■ 43.5591, -6.1032,
4.3213

■ 39.1488, -24.8663,
15.2146

■ 44.8119, -1.1893,
1.8240

■ 38.6437, -27.2101,
16.9085

■ 46.1799, 4.0089,
-0.7259

■ 38.2577, -29.0480,
18.3943

■ 47.6581, 9.4478,
-3.3093

■ 37.9828, -30.3953,
19.6599

■ 49.2409, 15.0871,
-5.9100

■ 37.7956, -31.3402,
20.6901

■ 50.9227, 20.8907,
-8.5146

■ 37.7558, -31.5396,
20.8934

■ 52.6977, 26.8273,
-11.1124

■ 54.5604, 32.8696,
-13.6950

Harmonies

Analogous

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



41.4169, -9.7105, 13.2102



41.4160, -14.8953, 9.0695



41.4169, -16.7375, 2.3069

Triad

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



41.4169, -14.8960, 9.0700



41.4169, -2.2673, -15.5803



41.4169, 12.2722, 8.9952

Complementary

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



41.4160, -14.8953, 9.0695



35.4879, 12.5188, -5.0129

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.



41.4169, 14.6399, 2.2019



41.4160, -14.8953, 9.0695



41.4169, 5.8609, -12.8682

Square

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



41.4169, -14.8960, 9.0700



41.4169, -9.7991, -12.7974



41.4169, 12.2097, -5.9614



41.4169, 5.9637, 13.1733

Rectangle

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



41.4160, -14.8953, 9.0695



41.4169, -15.9406, -3.1153



41.4169, 12.2097, -5.9614



41.4169, 13.5761, 6.9894

Sweetspot

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



41.4169, -14.8960, 9.0700



58.2007, -8.5188, 5.9649



43.0551, -9.1544, 13.3548



28.1444, -4.5353, 3.1036



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.



41.4169, -14.8960, 9.0700



54.6732, -23.1309, 13.9769



41.8377, -12.4748, 3.0287



21.1282, -3.2991, 2.2742



38.3996, -32.0844, 21.2649



83.7996, -70.4952, 47.4368

Inverse Universe

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



35.4879, 12.5188, -5.0129



45.0920, 21.2844, -8.7768



34.9846, 9.9485, 2.1196



20.1548, 1.1830, -0.0382



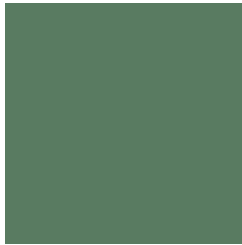
22.7870, 42.6933, -13.7235



49.6307, 92.7563, -28.1008

Previews

White Background



This preview shows how the HunterLab color 41.4160, -14.8953, 9.0695 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 41.4160, -14.8953, 9.0695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

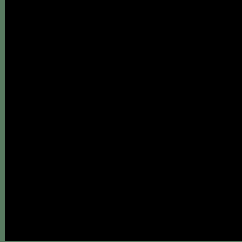
Any Text WCAG AA ✗ Fail

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 41.4160, -14.8953, 9.0695 Background



This preview shows how black text looks on a background with the HunterLab color 41.4160, -14.8953, 9.0695.



This preview shows how white text looks on a background with the HunterLab color 41.4160,

-14.8953, 9.0695.

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

41.4160, -14.8953, 9.0695

Protanopia

41.1856, -2.6471, 10.4238

Deuteranopia

41.1063, 2.9108, 7.9905



Tritanopia

41.4549, -7.0430, -3.7873

Trichromacy



Original Color

41.4160, -14.8953, 9.0695

Protanomaly

41.0435, -7.4079, 9.8637

Deuteranomaly

41.0796, -4.1676, 8.2029

Tritanomaly

41.2849, -9.8089, 1.0985

Monochromacy



Original Color

41.4160, -14.8953, 9.0695

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

40.1325, -7.2514, 4.8582

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.4160, -14.8953, 9.0695 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, 123, 97)` looks like.

```
.text, #text, p{  
    color:rgb(89, 123, 97)  
}
```

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, 123, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 123, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 41.4160, -14.8953, 9.0695 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, 123, 97) }
```


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

```
.border{ border-color:rgb(89, 123, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 123, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 123, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 123, 97);  
box-shadow:4px 4px 4px 4px rgb(89, 123,  
97) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.4160, -14.8953, 9.0695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 123, 97) }
```

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

```
.background{ background-color: rgb(89, 123,  
97) }
```

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