

Converting Colors

HunterLab(47.9568, -14.3715,
17.0692)

Have a look what the booklet for
HunterLab(47.9568, -14.3715,
17.0692) contains.

HunterLab(47.8061, -14.2690, 16.9330)	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(47.8061,
-14.2690, 16.9330)**

Conversions

Conversions Part 1

Format	Color
Hex	778A5B
RGB	119, 138, 91
RGB Percent	47%, 54%, 36%
CMY	0.5333, 0.4588, 0.6431
CMYK	0.14, 0.00, 0.34, 0.46
HSL	84°, 21%, 45%
HSV	84°, 34%, 54%
XYZ	18.5846, 22.8542, 13.3293
YIQ	126.9610, 3.7630, -18.6450

Conversions

Conversions Part 2

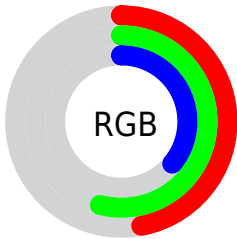
Format	Color
RYB	91, 138, 110
Decimal	7834203
CIELab	54.92, -15.49, 22.97
CIElCh	55, 27.708, 123.994
Yxy	22.8552, 0.3393, 0.4173
Android (android.graphics.Color)	4286024283 (0xFF778A5B)
YUV	126.9610, -17.7288, -6.9818
Hunter-Lab	47.8061, -14.2690, 16.9330

Details

The HunterLab color $47.8061, -14.2690, 16.9330$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $35.5426, 11.9265, -18.0021$, and the grayscale version is $46.1204, -2.4609, 2.5058$.

A 20% lighter version of the original color is $69.2714, -16.7953, 20.4870$, and $29.0919, -11.2118, 12.8737$ is the 20% darker color. If you saturate the color by 10%, you get $47.1755, -17.0985, 19.8989$, and if you desaturate by 10%, it is $48.4997, -11.1743, 13.4169$.

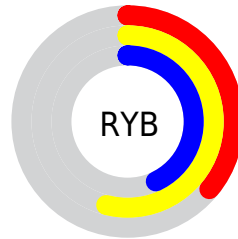
Distribution



Red (47%)

Green (54%)

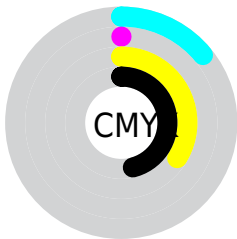
Blue (36%)



Red (36%)

Yellow (54%)

Blue (43%)

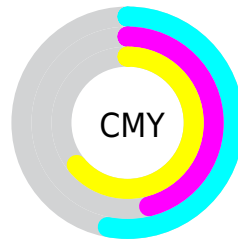


Cyan (14%)

Magenta (0%)

Yellow (34%)

Black (46%)



Cyan (53%)

Magenta (46%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8061, -14.2690, 16.9330 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 47.8061, -14.2690, 16.9330 by changing the saturation by 10% instead.

■ 47.8061, -14.2690,
16.9330

■ 47.8061, -14.2690,
16.9330

163.3954,
-26.8899, 32.9860

■ 38.0613, -12.8007,
14.9245

■ 69.3942, -17.1237,
20.7270

■ 29.0859, -11.2822,
12.8022

■ 81.1517, -18.5265,
22.5481

■ 20.9538, -9.6874,
10.5184

■ 93.5072, -19.9213,
24.3349

■ 13.7636, -7.9678,
8.8044

■ 106.4329,
-21.3122, 26.0955

■ 7.3824, -9.5386,
5.1677

■ 119.9048,
-22.7024, 27.8365

0.0000, NaN, NaN

133.9015,

0.0000, NaN, NaN

-24.0943, 29.5627

0.0000, NaN, NaN

148.4041,
-25.4896, 31.2781

0.0000, NaN, NaN

■ 47.8061, -14.2690,
16.9330

■ 47.8061, -14.2690,
16.9330

■ 47.1755, -17.0985,
19.8989

■ 48.4997, -11.1743,
13.4169

■ 46.6042, -19.6530,
22.3155

■ 49.2531, -7.8201,
9.3539

■ 46.0922, -21.9309,
24.1941

■ 50.0673, -4.2190,
4.7550

■ 45.6378, -23.9341,
25.5551

■ 50.9414, -0.3841,
-0.3641

■ 45.2385, -25.6696,
26.4316

■ 51.8746, 3.6703,
-5.9844

■ 44.8907, -27.1533,
26.8751

■ 52.8657, 7.9294,
-12.0837

■ 44.7002, -27.9630,
27.0545

■ 53.9134, 12.3777,
-18.6378

■ 55.0163, 17.0001,
-25.6215

■ 56.1726, 21.7819,
-33.0087

Harmonies

Analogous

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



47.8071, -4.0801, 19.1570



47.8061, -14.2690, 16.9330



47.8071, -20.8044, 10.9175

Triad

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



47.8071, -14.2702, 16.9335



47.8071, -11.8443, -20.3544



47.8071, 21.4971, 4.0408

Complementary

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



47.8061, -14.2690, 16.9330



35.5426, 11.9265, -18.0021

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.



47.8071, 18.9269, -7.5408



47.8061, -14.2690, 16.9330



47.8071, -1.0074, -23.4143

Square

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



47.8071, -14.2702, 16.9335



47.8071, -19.4992, -10.6769



47.8071, 10.4131, -18.2647



47.8071, 17.1406, 12.9091

Rectangle

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



47.8061, -14.2690, 16.9330



47.8071, -22.5695, 4.7457



47.8071, 10.4131, -18.2647



47.8071, 21.4169, 0.3548

Sweetspot

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



47.8071, -14.2702, 16.9335



65.7957, -8.5819, 10.1542



41.5549, 4.2751, 11.5587



31.0996, -4.3353, 5.1520



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



47.8071, -14.2702, 16.9335



62.8074, -21.9118, 25.6216



46.2644, -20.1183, 15.4711



23.9704, -2.9372, 3.4588



42.8107, -26.7339, 25.9117



3.6099, -1.6998, 2.1947

Inverse Universe

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



35.5426, 11.9265, -18.0021



43.0637, 20.5796, -31.4571



37.8533, 18.8713, -14.0081



22.3260, 0.5344, -1.1206



15.6715, 37.5731, -73.0911



1.5647, 3.3938, -4.5259

Previews

White Background



This preview shows how the HunterLab color 47.8061, -14.2690, 16.9330 looks on a white 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

Black Background



This preview shows how the HunterLab color 47.8061, -14.2690, 16.9330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

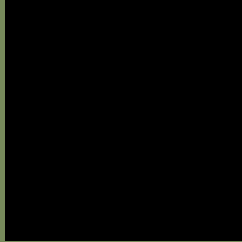
Any Text WCAG AA ✓ Pass

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 47.8061, -14.2690, 16.9330 Background



This preview shows how black text looks on a background with the HunterLab color 47.8061, -14.2690, 16.9330.



This preview shows how white text looks on a background with the HunterLab color 47.8061,

-14.2690, 16.9330.

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

47.8061, -14.2690, 16.9330

Protanopia

47.6319, -4.5345, 17.7789

Deuteranopia

47.7470, 3.1432, 16.3268



Tritanopia

47.8447, -2.6279, -2.2774

Trichromacy



Original Color

47.8061, -14.2690, 16.9330

Protanomaly

47.7910, -8.3372, 17.5774

Deuteranomaly

47.5344, -3.2522, 16.3165

Tritanomaly

47.6353, -7.4107, 5.8993

Monochromacy



Original Color

47.8061, -14.2690, 16.9330

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

46.6182, -7.0481, 8.3557

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8061, -14.2690, 16.9330 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(119, 138, 91)` looks like.

```
.text, #text, p{  
    color:rgb(119, 138, 91)  
}
```

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(119, 138, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 138, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8061, -14.2690, 16.9330 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(119, 138, 91) }
```


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

```
.border{ border-color:rgb(119, 138, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 138, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 138, 91); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 138, 91); box-shadow:4px 4px 4px 4px rgb(119, 138, 91) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.8061, -14.2690, 16.9330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 138, 91) }
```

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

```
.background{ background-color: rgb(119,  
138, 91) }
```

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