

Converting Colors

HunterLab(47.3012, -15.6753,
19.8358)

Have a look what the booklet for
HunterLab(47.3012, -15.6753,
19.8358) contains.

HunterLab(47.1416, -15.6404, 19.7094)	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(47.1416,
-15.6404, 19.7094)**

Conversions

Conversions Part 1

Format	Color
Hex	75894E
RGB	117, 137, 78
RGB Percent	46%, 54%, 31%
CMY	0.5412, 0.4627, 0.6941
CMYK	0.15, 0.00, 0.43, 0.46
HSL	80°, 27%, 42%
HSV	80°, 43%, 54%
XYZ	17.6569, 22.2233, 10.5667
YIQ	124.2940, 7.0190, -22.5890

Conversions

Conversions Part 2

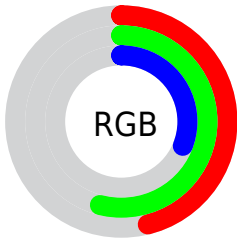
Format	Color
R_{YB}	78, 137, 98
Decimal	7702862
CIE _{Lab}	54.26, -17.56, 29.24
CIE _{LCh}	54, 34.105, 120.997
Yxy	22.2243, 0.3500, 0.4405
Android (android.graphics.Color)	4285892942 (0xFF75894E)
YUV	124.2940, -22.8229, -6.3968
Hunter-Lab	47.1416, -15.6404, 19.7094

Details

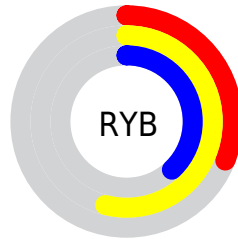
The HunterLab color $47.1416, -15.6404, 19.7094$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $31.3883, 14.8916, -25.1053$, and the grayscale version is $45.0950, -2.4062, 2.4501$.

A 20% lighter version of the original color is $68.5065, -18.5621, 24.2139$, and $28.4756, -12.4077, 14.6302$ is the 20% darker color. If you saturate the color by 10%, you get $46.6197, -17.9967, 22.1857$, and if you desaturate by 10%, it is $47.7195, -13.0331, 16.6807$.

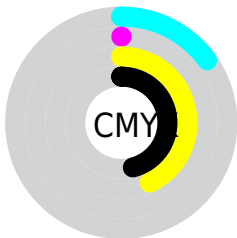
Distribution



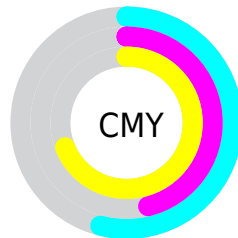
- Red (46%)
- Green (54%)
- Blue (31%)



- Red (31%)
- Yellow (54%)
- Blue (38%)



- Cyan (15%)
- Magenta (0%)
- Yellow (43%)
- Black (46%)



- Cyan (54%)
- Magenta (46%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.1416, -15.6404, 19.7094 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 47.1416, -15.6404, 19.7094 by changing the saturation by 10% instead.

■ 47.1416, -15.6404,
19.7094

■ 47.1416, -15.6404,
19.7094

162.3931,
-29.1591, 38.7187

■ 37.4457, -14.0352,
17.2405

■ 68.6414, -18.7365,
24.3117

■ 28.5234, -12.3644,
14.6083

■ 80.3585, -20.2479,
26.4937

■ 20.4499, -10.5958,
11.7610

■ 92.6754, -21.7452,
28.6187

■ 13.3262, -8.6697,
9.3283

■ 105.5644,
-23.2333, 30.6985

■ 6.8707, -11.5061,
4.8095

■ 119.0010,
-24.7161, 32.7419

0.0000, NaN, NaN

0.0000, NaN, NaN

132.9637,

-26.1965, 34.7562

0.0000, NaN, NaN

147.4335,
-27.6769, 36.7469

0.0000, NaN, NaN

■ 47.1416, -15.6404,
19.7094

■ 47.1416, -15.6404,
19.7094

■ 46.6197, -17.9967,
22.1857

■ 47.7195, -13.0331,
16.6807

■ 46.1496, -20.0978,
24.1205

■ 48.3510, -10.1749,
13.0939

■ 45.7304, -21.9486,
25.5359

■ 49.0375, -7.0733,
8.9519

■ 45.3598, -23.5574,
26.4647

■ 49.7789, -3.7371,
4.2628

■ 45.0344, -24.9390,
26.9542

■ 50.5750, -0.1763,
-0.9606

■ 44.8262, -25.8160,
27.1697

■ 51.4250, 3.5972,
-6.7012

■ 52.3283, 7.5713,
-12.9394

■ 53.2839, 11.7327,
-19.6528

■ 54.2905, 16.0685,
-26.8178

Harmonies

Analogous

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



47.1426, -2.9870, 21.7106



47.1416, -15.6404, 19.7094



47.1426, -23.8986, 13.4051

Triad

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



47.1426, -15.6416, 19.7098



47.1426, -14.9167, -25.9034



47.1426, 27.6542, 3.0109

Complementary

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



47.1416, -15.6404, 19.7094



31.3883, 14.8916, -25.1053

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.



47.1426, 23.5176, -11.6752



47.1416, -15.6404, 19.7094



47.1426, -2.0471, -31.0464

Square

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



47.1426, -15.6416, 19.7098



47.1426, -23.5158, -12.6828



47.1426, 12.2197, -25.2118



47.1426, 22.9515, 13.9767

Rectangle

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



47.1416, -15.6404, 19.7094



47.1426, -26.3471, 6.4140



47.1426, 12.2197, -25.2118



47.1426, 27.2477, -1.6362

Sweetspot

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



47.1426, -15.6416, 19.7098



65.5998, -9.5606, 12.1098



38.1344, 8.2940, 12.4365



30.9802, -4.9236, 6.2746



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.



47.1426, -15.6416, 19.7098



62.3801, -24.1071, 29.7124



45.2869, -22.7687, 18.0701



24.0031, -2.8213, 3.4963



43.2702, -24.8843, 26.2273



3.6396, -1.5849, 2.2149

Inverse Universe

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



31.3883, 14.8916, -25.1053



36.9206, 26.0136, -44.8566



34.3225, 23.2389, -19.3291



22.2919, 0.4184, -1.1664



14.9643, 36.8693, -77.4809



1.4945, 3.3071, -4.8314

Previews

White Background



This preview shows how the HunterLab color 47.1416, -15.6404, 19.7094 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 47.1416, -15.6404, 19.7094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

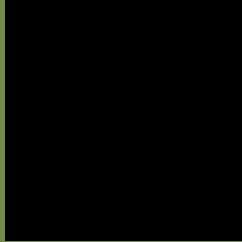
Any Text WCAG AA ✓ Pass

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 47.1416, -15.6404, 19.7094 Background



This preview shows how black text looks on a background with the HunterLab color 47.1416, -15.6404, 19.7094.



This preview shows how white text looks on a background with the HunterLab color 47.1416,

-15.6404, 19.7094.

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

47.1416, -15.6404, 19.7094

Protanopia

47.1424, -5.2264, 20.5855

Deuteranopia

46.9865, 2.8824, 19.1803



Tritanopia

47.1367, -2.3074, -2.2029

Trichromacy



Original Color

47.1416, -15.6404, 19.7094

Protanomaly

47.2053, -9.3837, 20.3355

Deuteranomaly

46.9366, -4.3543, 19.2590

Tritanomaly

47.1137, -8.0976, 7.7103

Monochromacy



Original Color

47.1416, -15.6404, 19.7094

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

45.6366, -7.9375, 9.9107

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.1416, -15.6404, 19.7094 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(117, 137, 78)` looks like.

```
.text, #text, p{  
    color:rgb(117, 137, 78)  
}
```

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(117, 137, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 137, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 47.1416, -15.6404, 19.7094 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(117, 137, 78) }
```


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

```
.border{ border-color:rgb(117, 137, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 137, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 137, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 137, 78);  
box-shadow:4px 4px 4px 4px rgb(117, 137,  
78) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.1416, -15.6404, 19.7094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 137, 78) }
```

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

```
.background{ background-color: rgb(117,  
137, 78) }
```

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