

Converting Colors

HunterLab(47.8508, -19.1200,
15.9692)

Have a look what the booklet for
HunterLab(47.8508, -19.1200,
15.9692) contains.

HunterLab(47.7504, -19.0637, 15.9410)	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(47.7504,
-19.0637, 15.9410)**

Conversions

Conversions Part 1

Format	Color
Hex	688D5E
RGB	104, 141, 94
RGB Percent	41%, 55%, 37%
CMY	0.5922, 0.4470, 0.6314
CMYK	0.26, 0.00, 0.33, 0.45
HSL	107°, 20%, 46%
HSV	107°, 33%, 55%
XYZ	17.2542, 22.8010, 14.0813
YIQ	124.5790, -6.9650, -22.4610

Conversions

Conversions Part 2

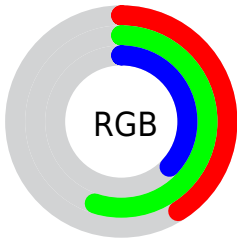
Format	Color
R_{YB}	94, 141, 131
Decimal	6851934
CIE _{Lab}	54.87, -22.35, 21.04
CIE _{LCh}	55, 30.699, 136.725
Yxy	22.8020, 0.3187, 0.4212
Android (android.graphics.Color)	4285042014 (0xFF688D5E)
YUV	124.5790, -15.0754, -18.0478
Hunter-Lab	47.7504, -19.0637, 15.9410

Details

The HunterLab color $47.7504, -19.0637, 15.9410$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $38.4115, 17.2235, -14.9277$, and the grayscale version is $45.1810, -2.4107, 2.4548$.

A 20% lighter version of the original color is $69.3848, -22.7991, 19.4648$, and $29.1541, -15.3265, 12.2271$ is the 20% darker color. If you saturate the color by 10%, you get $46.8512, -23.0357, 18.8861$, and if you desaturate by 10%, it is $48.7722, -14.6386, 12.5155$.

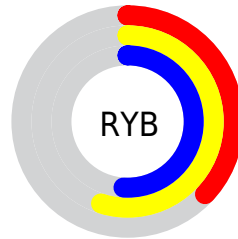
Distribution



Red (41%)

Green (55%)

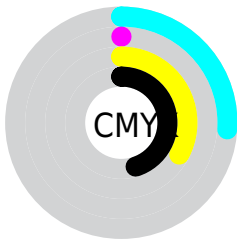
Blue (37%)



Red (37%)

Yellow (55%)

Blue (51%)

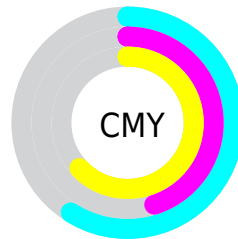


Cyan (26%)

Magenta (0%)

Yellow (33%)

Black (45%)



Cyan (59%)

Magenta (45%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7504, -19.0637, 15.9410 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 47.7504, -19.0637, 15.9410 by changing the saturation by 10% instead.

■ 47.7504, -19.0637,
15.9410

■ 47.7504, -19.0637,
15.9410

163.3115,
-34.6620, 31.1126

■ 38.0097, -17.1473,
14.0683

■ 69.3311, -22.7132,
19.4958

■ 29.0387, -15.1340,
12.0962

■ 81.0852, -24.4754,
21.2096

■ 20.9115, -12.9807,
9.9810

■ 93.4375, -26.2099,
22.8956

■ 13.7269, -10.6088,
8.2228

■ 106.3601,
-27.9236, 24.5610

■ 7.3409, -12.8466,
5.1387

119.8291,
-29.6219, 26.2115

0.0000, NaN, NaN

133.8229,

0.0000, NaN, NaN

-31.3089, 27.8514

0.0000, NaN, NaN

148.3228,
-32.9880, 29.4841

0.0000, NaN, NaN

■ 47.7504, -19.0637,
15.9410

■ 47.7504, -19.0637,
15.9410

■ 46.8512, -23.0357,
18.8861

■ 48.7722, -14.6386,
12.5155

■ 46.0723, -26.5208,
21.3318

■ 49.9118, -9.7943,
8.6339

■ 45.4139, -29.4979,
23.2719

■ 51.1672, -4.5718,
4.3280

■ 44.8735, -31.9555,
24.7130

■ 52.5350, 0.9872,
-0.3674

■ 44.4468, -33.8962,
25.6778

■ 54.0109, 6.8415,
-5.4158

■ 44.1271, -35.3386,
26.2096

■ 55.5904, 12.9516,
-10.7808

■ 43.9621, -36.0842,
26.4575

■ 57.2686, 19.2807,
-16.4274

■ 59.0407, 25.7955,
-22.3225

■ 60.9017, 32.4660,
-28.4356

Harmonies

Analogous

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



47.7514, -9.3783, 19.9269



47.7504, -19.0637, 15.9410



47.7514, -24.0741, 7.6328

Triad

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



47.7514, -19.0647, 15.9415



47.7514, -8.0308, -25.9964



47.7514, 23.1658, 8.8141

Complementary

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



47.7504, -19.0637, 15.9410



38.4115, 17.2235, -14.9277

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.



47.7514, 23.6239, -3.0500



47.7504, -19.0637, 15.9410



47.7514, 4.6840, -25.4374

Square

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



47.7514, -19.0647, 15.9415



47.7514, -18.1674, -17.6013



47.7514, 16.5663, -16.2296



47.7514, 15.3735, 16.6105

Rectangle

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



47.7504, -19.0637, 15.9410



47.7514, -24.4677, -0.2026



47.7514, 16.5663, -16.2296



47.7514, 24.2090, 5.2409

Sweetspot

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



47.7514, -19.0647, 15.9415



67.2990, -10.9782, 9.8151



47.5976, -4.1760, 16.0649



31.7102, -5.5879, 4.9659



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



47.7514, -19.0647, 15.9415



62.9790, -29.5693, 24.3589



47.4328, -19.7393, 11.3851



24.6602, -3.7532, 3.3744



41.9851, -34.4253, 25.2683



4.2020, -2.9609, 2.5374

Inverse Universe

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



38.4115, 17.2235, -14.9277



47.9089, 29.2251, -25.8155



39.0114, 18.0416, -6.5188



23.3537, 1.2880, -0.8928



22.0048, 45.6524, -47.5512



2.3586, 4.7499, -3.9858

Previews

White Background



This preview shows how the HunterLab color 47.7504, -19.0637, 15.9410 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 47.7504, -19.0637, 15.9410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

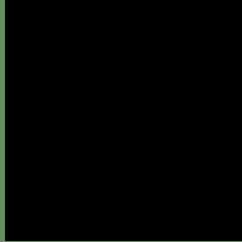
Any Text WCAG AA ✓ Pass

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 47.7504, -19.0637, 15.9410 Background



This preview shows how black text looks on a background with the HunterLab color 47.7504, -19.0637, 15.9410.



This preview shows how white text looks on a background with the HunterLab color 47.7504, -19.0637, 15.9410.

-19.0637, 15.9410.

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

47.7504, -19.0637, 15.9410

Protanopia

47.6671, -4.3400, 17.2649

Deuteranopia

47.3290, 3.2307, 15.0531



Tritanopia

47.8362, -6.9012, -3.8466

Trichromacy



Original Color

47.7504, -19.0637, 15.9410

Protanomaly

47.6156, -10.3973, 16.8343

Deuteranomaly

47.2349, -5.6417, 15.1165

Tritanomaly

47.6578, -11.7059, 4.6052

Monochromacy



Original Color

47.7504, -19.0637, 15.9410

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

46.0754, -9.0013, 7.7485

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7504, -19.0637, 15.9410 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(104, 141, 94)` looks like.

```
.text, #text, p{  
    color:rgb(104, 141, 94)  
}
```

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(104, 141, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 141, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7504, -19.0637, 15.9410 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(104, 141, 94) }
```


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

```
.border{ border-color:rgb(104, 141, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 141, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 141, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 141, 94);  
box-shadow:4px 4px 4px 4px rgb(104, 141,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.7504, -19.0637, 15.9410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 141, 94) }
```

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

```
.background{ background-color: rgb(104,  
141, 94) }
```

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](#).

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