

Converting Colors

HunterLab(49.7215, -18.1442,
19.5653)

Have a look what the booklet for
HunterLab(49.7215, -18.1442,
19.5653) contains.

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Color

**HunterLab(49.7200,
-18.1454, 19.5672)**

Conversions

Conversions Part 1

Format	Color
Hex	759157
RGB	117, 145, 87
RGB Percent	46%, 57%, 34%
CMY	0.5412, 0.4314, 0.6588
CMYK	0.19, 0.00, 0.40, 0.43
HSL	89°, 25%, 45%
HSV	89°, 40%, 57%
XYZ	19.1818, 24.7208, 12.7774
YIQ	130.0160, 1.9300, -23.9740

Conversions

Conversions Part 2

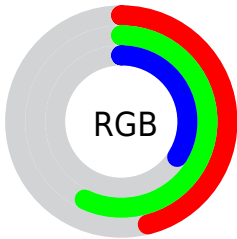
Format	Color
R_{YB}	87, 145, 115
Decimal	7704919
CIE _{Lab}	56.80, -20.52, 27.60
CIE _{LCh}	57, 34.397, 126.627
Yxy	24.7219, 0.3384, 0.4361
Android (android.graphics.Color)	4285894999 (0xFF759157)
YUV	130.0160, -21.2069, -11.4150
Hunter-Lab	49.7200, -18.1454, 19.5672

Details

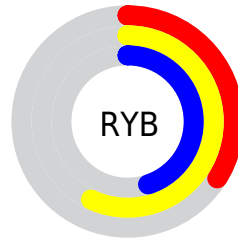
The HunterLab color $49.7200, -18.1454, 19.5672$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $35.3642, 16.8043, -22.8284$, and the grayscale version is $47.3345, -2.5256, 2.5718$.

A 20% lighter version of the original color is $71.5736, -21.5351, 23.8082$, and $30.5809, -14.4062, 14.6995$ is the 20% darker color. If you saturate the color by 10%, you get $49.0318, -21.2148, 22.3241$, and if you desaturate by 10%, it is $50.4841, -14.7612, 16.2382$.

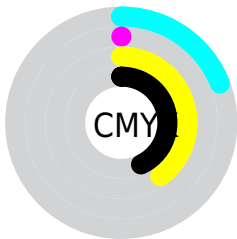
Distribution



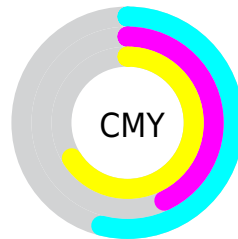
- Red (46%)
- Green (57%)
- Blue (34%)



- Red (34%)
- Yellow (57%)
- Blue (45%)



- Cyan (19%)
- Magenta (0%)
- Yellow (40%)
- Black (43%)



- Cyan (54%)
- Magenta (43%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7200, -18.1454, 19.5672 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 49.7200, -18.1454, 19.5672 by changing the saturation by 10% instead.

■ 49.7200, -18.1454,
19.5672

■ 49.7200, -18.1454,
19.5672

166.2678,
-32.9121, 37.7061

■ 39.8371, -16.3630,
17.2492

■ 71.5581, -21.5648,
23.9169

■ 30.7119, -14.5020,
14.7911

■ 83.4304, -23.2254,
25.9903

■ 22.4146, -12.5277,
12.1414

■ 95.8951, -24.8649,
28.0157

■ 15.0381, -10.3778,
10.1499

■ 108.9253,
-26.4893, 30.0029

■ 8.6786, -10.7674,
6.0750

■ 122.4974,
-28.1030, 31.9600

0.0000, NaN, NaN

0.0000, NaN, NaN

136.5906,

-29.7096, 33.8931

0.0000, NaN, NaN

151.1864,
-31.3118, 35.8071

0.0000, NaN, NaN

■ 49.7200, -18.1454,
19.5672

■ 49.7200, -18.1454,
19.5672

■ 49.0318, -21.2148,
22.3241

■ 50.4841, -14.7612,
16.2382

■ 48.4157, -23.9576,
24.5119

■ 51.3208, -11.0711,
12.3403

■ 47.8713, -26.3713,
26.1457

■ 52.2308, -7.0913,
7.8855

■ 47.3964, -28.4587,
27.2531

■ 53.2130, -2.8394,
2.8913

■ 46.9878, -30.2301,
27.8775

■ 54.2663, 1.6658,
-2.6204

■ 46.6342, -31.7461,
28.1800

■ 55.3889, 6.4049,
-8.6242

■ 56.5792, 11.3580,
-15.0929

■ 57.8349, 16.5058,
-21.9976

■ 59.1540, 21.8295,
-29.3094

Harmonies

Analogous

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



49.7211, -5.8168, 22.4305



49.7200, -18.1454, 19.5672



49.7211, -25.6428, 12.0779

Triad

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



49.7211, -18.1466, 19.5677



49.7211, -13.1885, -28.1200



49.7211, 28.0074, 5.6566

Complementary

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



49.7200, -18.1454, 19.5672



35.3642, 16.8043, -22.8284

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.



49.7211, 25.4556, -8.9410



49.7200, -18.1454, 19.5672



49.7211, 0.5865, -31.2871

Square

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



49.7211, -18.1466, 19.5677



49.7211, -23.0165, -15.7509



49.7211, 14.9998, -23.4692



49.7211, 21.6219, 16.0161

Rectangle

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



49.7200, -18.1454, 19.5672



49.7211, -27.4275, 4.2339



49.7211, 14.9998, -23.4692



49.7211, 28.1763, 1.1290

Sweetspot

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



49.7211, -18.1466, 19.5677



69.6125, -10.7204, 11.9575



43.3110, 4.2554, 14.4186



32.7679, -5.3413, 5.9624



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



49.7211, -18.1466, 19.5677



65.7019, -27.9987, 29.5398



48.0214, -24.7133, 18.0248



24.8151, -3.2007, 3.5529



43.2067, -29.3268, 26.1104



4.3772, -2.2544, 2.6578

Inverse Universe

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



35.3642, 16.8043, -22.8284



42.6117, 28.7399, -39.9902



38.3497, 25.3235, -17.3432



23.1834, 0.7122, -1.1202



16.9879, 39.4140, -69.0352



2.0149, 4.2826, -5.1476

Previews

White Background



This preview shows how the HunterLab color 49.7200, -18.1454, 19.5672 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 49.7200, -18.1454, 19.5672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

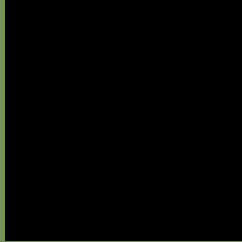
Any Text WCAG AA ✓ Pass

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 49.7200, -18.1454, 19.5672 Background



This preview shows how black text looks on a background with the HunterLab color 49.7200, -18.1454, 19.5672.



This preview shows how white text looks on a background with the HunterLab color 49.7200, -18.1454, 19.5672.

-18.1454, 19.5672.

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

49.7200, -18.1454, 19.5672

Protanopia

49.5422, -5.2096, 20.3987

Deuteranopia

49.4874, 3.3277, 18.9632



Tritanopia

49.7820, -4.2278, -3.2630

Trichromacy



Original Color

49.7200, -18.1454, 19.5672

Protanomaly

49.4363, -10.0068, 19.9799

Deuteranomaly

49.1530, -4.9580, 18.8007

Tritanomaly

49.7665, -10.1228, 6.9728

Monochromacy



Original Color

49.7200, -18.1454, 19.5672

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.8569, -8.5603, 9.6165

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7200, -18.1454, 19.5672 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, 145, 87)` looks like.

```
.text, #text, p{  
    color:rgb(117, 145, 87)  
}
```

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, 145, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 145, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7200, -18.1454, 19.5672 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, 145, 87) }
```


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

```
.border{ border-color:rgb(117, 145, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 145, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 145, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 145, 87);  
box-shadow:4px 4px 4px 4px rgb(117, 145,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7200, -18.1454, 19.5672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 145, 87) }
```

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

```
.background{ background-color: rgb(117,  
145, 87) }
```

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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