

Converting Colors

HunterLab(49.8715, -16.1005,
20.4772)

Have a look what the booklet for
HunterLab(49.8715, -16.1005,
20.4772) contains.

HunterLab(49.8715, -16.1005, 20.4772)	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(49.8715,
-16.1005, 20.4772)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9054
RGB	124, 144, 84
RGB Percent	49%, 56%, 33%
CMY	0.5137, 0.4353, 0.6706
CMYK	0.14, 0.00, 0.42, 0.44
HSL	80°, 26%, 45%
HSV	80°, 42%, 56%
XYZ	19.8856, 24.8717, 12.1401
YIQ	131.1800, 7.3400, -22.9000

Conversions

Conversions Part 2

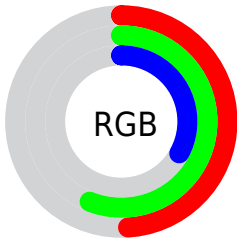
Format	Color
R_{YB}	84, 144, 104
Decimal	8163412
CIE _{Lab}	56.95, -17.61, 29.52
CIE _{LCh}	57, 34.372, 120.829
Yxy	24.8728, 0.3495, 0.4371
Android (android.graphics.Color)	4286353492 (0xFF7C9054)
YUV	131.1800, -23.2597, -6.2969
Hunter-Lab	49.8715, -16.1005, 20.4772

Details

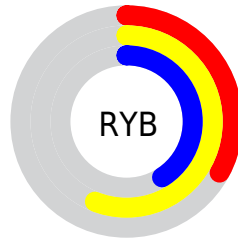
The HunterLab color $49.8715, -16.1005, 20.4772$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $33.6125, 15.0703, -25.5690$, and the grayscale version is $47.7995, -2.5505, 2.5970$.

A 20% lighter version of the original color is $71.7527, -19.3452, 24.9346$, and $30.9755, -12.9429, 15.5102$ is the 20% darker color. If you saturate the color by 10%, you get $49.3161, -18.6118, 23.1754$, and if you desaturate by 10%, it is $50.4862, -13.3234, 17.1887$.

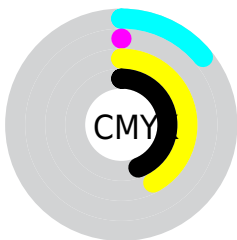
Distribution



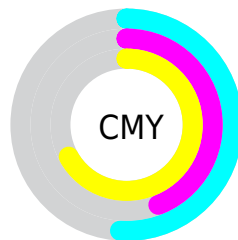
- Red (49%)
- Green (56%)
- Blue (33%)



- Red (33%)
- Yellow (56%)
- Blue (41%)



- Cyan (14%)
- Magenta (0%)
- Yellow (42%)
- Black (44%)



- Cyan (51%)
- Magenta (44%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8715, -16.1005, 20.4772 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 49.8715, -16.1005, 20.4772 by changing the saturation by 10% instead.

■ 49.8715, -16.1005,
20.4772

■ 49.8715, -16.1005,
20.4772

166.4944,
-29.6163, 39.5038

■ 39.9779, -14.5055,
18.0244

■ 71.7292, -19.1868,
25.0664

■ 30.8409, -12.8510,
15.4189

■ 83.6104, -20.6965,
27.2478

■ 22.5308, -11.1092,
12.6072

■ 96.0837, -22.1933,
29.3748

■ 15.1398, -9.2292,
10.5979

■ 109.1220,
-23.6820, 31.4582

■ 8.7724, -9.2183,
6.1407

■ 122.7020,
-25.1661, 33.5067

0.0000, NaN, NaN

0.0000, NaN, NaN

136.8028,

-26.6485, 35.5270

0.0000, NaN, NaN

151.4058,
-28.1313, 37.5245

0.0000, NaN, NaN

■ 49.8715, -16.1005,
20.4772

■ 49.8715, -16.1005,
20.4772

■ 49.3161, -18.6118,
23.1754

■ 50.4862, -13.3234,
17.1887

■ 48.8155, -20.8527,
25.2941

■ 51.1576, -10.2808,
13.3044

■ 48.3689, -22.8280,
26.8559

■ 51.8872, -6.9808,
8.8279

■ 47.9739, -24.5462,
27.8945

■ 52.6749, -3.4327,
3.7685

■ 47.6269, -26.0224,
28.4589

■ 53.5203, 0.3525,
-1.8597

■ 47.3647, -27.1231,
28.7110

■ 54.4229, 4.3625,
-8.0383

■ 55.3816, 8.5841,
-14.7459

■ 56.3956, 13.0035,
-21.9586

■ 57.4635, 17.6069,
-29.6508

Harmonies

Analogous

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



49.8726, -3.0644, 22.5524



49.8715, -16.1005, 20.4772



49.8726, -24.6529, 13.9427

Triad

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



49.8726, -16.1018, 20.4777



49.8726, -15.4806, -26.2697



49.8726, 28.2236, 3.0949

Complementary

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



49.8715, -16.1005, 20.4772



33.6125, 15.0703, -25.5690

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.



49.8726, 23.9503, -11.9408



49.8715, -16.1005, 20.4772



49.8726, -2.2618, -31.5464

Square

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



49.8726, -16.1018, 20.4777



49.8726, -24.3240, -12.7950



49.8726, 12.3674, -25.6859



49.8726, 23.4695, 14.4356

Rectangle

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



49.8715, -16.1005, 20.4772



49.8726, -27.2067, 6.7412



49.8726, 12.3674, -25.6859



49.8726, 27.7912, -1.6783

Sweetspot

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



49.8726, -16.1018, 20.4777



68.7478, -9.9943, 12.7272



40.5842, 8.3795, 12.9006



32.8262, -5.2176, 6.6877



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.



49.8726, -16.1018, 20.4777



65.5387, -24.5140, 30.5711



47.9244, -23.5647, 18.7412



24.8929, -2.9246, 3.6422



44.2133, -25.2507, 26.8020



4.4607, -1.9290, 2.7149

Inverse Universe

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



33.6125, 15.0703, -25.5690



39.6060, 25.9074, -44.8087



36.6377, 23.7597, -19.7095



23.1017, 0.4344, -1.2299



15.2075, 37.5734, -79.5531



1.8227, 4.0412, -5.9519

Previews

White Background



This preview shows how the HunterLab color 49.8715, -16.1005, 20.4772 looks on a white background.

Color Contrast Check

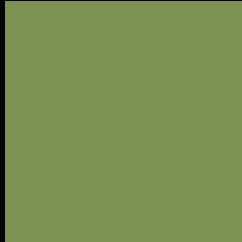
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.8715, -16.1005, 20.4772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

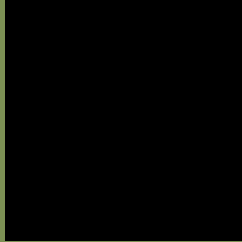
Any Text WCAG AA ✓ Pass

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 49.8715, -16.1005, 20.4772 Background



This preview shows how black text looks on a background with the HunterLab color 49.8715, -16.1005, 20.4772.



This preview shows how white text looks on a background with the HunterLab color 49.8715,

-16.1005, 20.4772.

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

49.8715, -16.1005, 20.4772

Protanopia

49.5903, -5.1328, 21.1602

Deuteranopia

49.5438, 3.4161, 19.7979



Tritanopia

49.9033, -2.4584, -2.0888

Trichromacy



Original Color

49.8715, -16.1005, 20.4772

Protanomaly

49.6486, -9.3323, 20.8971

Deuteranomaly

49.3856, -4.2399, 19.7872

Tritanomaly

49.8784, -8.3072, 7.9225

Monochromacy



Original Color

49.8715, -16.1005, 20.4772

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

48.3864, -8.1522, 10.1658

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8715, -16.1005, 20.4772 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(124, 144, 84)` looks like.

```
.text, #text, p{  
    color:rgb(124, 144, 84)  
}
```

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(124, 144, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 144, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8715, -16.1005, 20.4772 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(124, 144, 84) }
```


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

```
.border{ border-color:rgb(124, 144, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 144, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 144, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 144, 84);  
box-shadow:4px 4px 4px 4px rgb(124, 144,  
84) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8715, -16.1005, 20.4772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 144, 84) }
```

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

```
.background{ background-color: rgb(124,  
144, 84) }
```

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