

Converting Colors

HunterLab(49.0675, -19.7363,
24.3828)

Have a look what the booklet for
HunterLab(49.0675, -19.7363,
24.3828) contains.

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Color

**HunterLab(49.0675,
-19.7363, 24.3828)**

Conversions

Conversions Part 1

Format	Color
Hex	75903E
RGB	117, 144, 62
RGB Percent	46%, 56%, 24%
CMY	0.5412, 0.4353, 0.7569
CMYK	0.19, 0.00, 0.57, 0.44
HSL	80°, 40%, 40%
HSV	80°, 57%, 56%
XYZ	18.1788, 24.0762, 8.2464
YIQ	126.5790, 10.2300, -31.2260

Conversions

Conversions Part 2

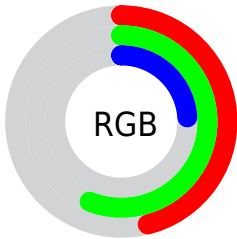
Format	Color
RYB	62, 144, 89
Decimal	7704638
CIELab	56.17, -22.97, 39.80
CIELCh	56, 45.957, 119.993
Yxy	24.0773, 0.3600, 0.4767
Android (android.graphics.Color)	4285894718 (0xFF75903E)
YUV	126.5790, -31.8374, -8.4008
Hunter-Lab	49.0675, -19.7363, 24.3828

Details

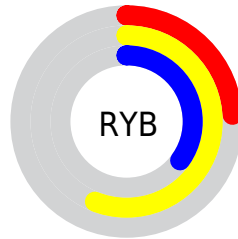
The HunterLab color $49.0675, -19.7363, 24.3828$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $27.5378, 22.3161, -39.4527$, and the grayscale version is $46.0223, -2.4556, 2.5005$.

A 20% lighter version of the original color is $70.8632, -23.4715, 30.4290$, and $30.0148, -15.5594, 17.6553$ is the 20% darker color. If you saturate the color by 10%, you get $48.5997, -21.8249, 26.2058$, and if you desaturate by 10%, it is $49.5921, -17.3836, 21.9915$.

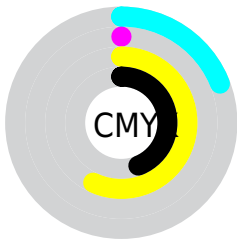
Distribution



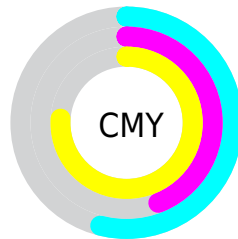
- Red (46%)
- Green (56%)
- Blue (24%)



- Red (24%)
- Yellow (56%)
- Blue (35%)



- Cyan (19%)
- Magenta (0%)
- Yellow (57%)
- Black (44%)



- Cyan (54%)
- Magenta (44%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0675, -19.7363, 24.3828 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 49.0675, -19.7363, 24.3828 by changing the saturation by 10% instead.

■ 49.0675, -19.7363,
24.3828

■ 49.0675, -19.7363,
24.3828

165.2909,
-35.5803, 48.3889

■ 39.2313, -17.7894,
21.1699

■ 70.8211, -23.4459,
30.3236

■ 30.1566, -15.7455,
17.7371

■ 82.6545, -25.2368,
33.1127

■ 21.9150, -13.5629,
14.3362

■ 95.0823, -26.9993,
35.8104

■ 14.6012, -11.1666,
10.2209

■ 108.0771,
-28.7402, 38.4329

■ 8.2614, -12.5587,
5.7830

■ 121.6153,
-30.4649, 40.9928

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 135.6758,

-32.1777, 43.5001

0.0000, NaN, NaN

150.2400,
-33.8819, 45.9633

0.0000, NaN, NaN

■ 49.0675, -19.7363,
24.3828

■ 49.0675, -19.7363,
24.3828

■ 48.5997, -21.8249,
26.2058

■ 49.5921, -17.3836,
21.9915

■ 48.1833, -23.6517,
27.4875

■ 50.1717, -14.7615,
19.0135

■ 47.8164, -25.2300,
28.2696

■ 50.8085, -11.8735,
15.4406

■ 47.4927, -26.5915,
28.6415

■ 51.5030, -8.7248,
11.2722

■ 47.3984, -26.9884,
28.7342

■ 52.2554, -5.3234,
6.5143

■ 53.0655, -1.6792,
1.1783

■ 53.9327, 2.1963,
-4.7197

■ 54.8565, 6.2904,
-11.1600

■ 55.8358, 10.5897,
-18.1198

Harmonies

Analogous

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



49.0686, -2.6165, 26.4031



49.0675, -19.7363, 24.3828



49.0686, -30.6600, 17.1820

Triad

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



49.0686, -19.7376, 24.3832



49.0686, -19.7440, -38.4839



49.0686, 39.9979, 2.6668

Complementary

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



49.0675, -19.7363, 24.3828



27.5378, 22.3161, -39.4527

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.



49.0686, 33.5946, -18.3251



49.0675, -19.7363, 24.3828



49.0686, -2.6251, -46.9907

Square

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



49.0686, -19.7376, 24.3832



49.0686, -30.6633, -18.3151



49.0686, 17.2206, -38.4911



49.0686, 33.6002, 17.1772

Rectangle

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



49.0675, -19.7363, 24.3828



49.0686, -33.9276, 8.3871



49.0686, 17.2206, -38.4911



49.0686, 39.2599, -3.8281

Sweetspot

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



49.0686, -19.7376, 24.3832



68.3590, -11.7625, 15.2091



36.4030, 14.0581, 15.2543



32.6554, -5.9957, 7.7742



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.



49.0686, -19.7376, 24.3832



64.4003, -29.6103, 35.2840



46.7703, -28.7726, 22.5382



24.8951, -2.9170, 3.6447



44.2447, -25.1253, 26.8235



4.4629, -1.9203, 2.7164

Inverse Universe

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



27.5378, 22.3161, -39.4527



30.8537, 37.8046, -69.7562



31.8182, 32.9883, -28.9857



23.0995, 0.4269, -1.2329



15.1666, 37.5344, -79.8207



1.8172, 4.0345, -5.9772

Previews

White Background



This preview shows how the HunterLab color 49.0675, -19.7363, 24.3828 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 49.0675, -19.7363, 24.3828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

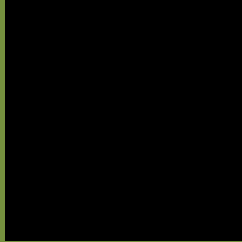
Any Text WCAG AA ✓ Pass

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 49.0675, -19.7363, 24.3828 Background



This preview shows how black text looks on a background with the HunterLab color 49.0675, -19.7363, 24.3828.



This preview shows how white text looks on a background with the HunterLab color 49.0675, -19.7363, 24.3828.

-19.7363, 24.3828.

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

49.0675, -19.7363, 24.3828

Protanopia

49.0237, -6.2416, 25.0948

Deuteranopia

48.8170, 3.1294, 23.8756



Tritanopia

48.9033, -3.0722, -2.8898

Trichromacy



Original Color

49.0675, -19.7363, 24.3828

Protanomaly

48.8073, -11.4613, 24.6811

Deuteranomaly

48.7111, -5.7551, 23.8277

Tritanomaly

48.6063, -10.3234, 9.9855

Monochromacy



Original Color

49.0675, -19.7363, 24.3828

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

46.8671, -9.6378, 12.4773

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0675, -19.7363, 24.3828 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, 144, 62)` looks like.

```
.text, #text, p{  
    color:rgb(117, 144, 62)  
}
```

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, 144, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 144, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0675, -19.7363, 24.3828 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, 144, 62) }
```


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

```
.border{ border-color:rgb(117, 144, 62) }
```

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

Here you see how a box with a 4 pixel rgb(117, 144, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 144, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 144, 62);  
box-shadow:4px 4px 4px 4px rgb(117, 144,  
62) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0675, -19.7363, 24.3828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 144, 62) }
```

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

```
.background{ background-color: rgb(117,  
144, 62) }
```

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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