

Converting Colors

HunterLab(49.8151, -23.7778,
17.9251)

Have a look what the booklet for
HunterLab(49.8151, -23.7778,
17.9251) contains.

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Color

**HunterLab(49.8817,
-23.7387, 18.0121)**

Conversions

Conversions Part 1

Format	Color
Hex	62955D
RGB	98, 149, 93
RGB Percent	38%, 58%, 36%
CMY	0.6157, 0.4157, 0.6353
CMYK	0.34, 0.00, 0.38, 0.42
HSL	115°, 23%, 47%
HSV	115°, 38%, 58%
XYZ	17.7602, 24.8818, 14.2225
YIQ	127.3670, -12.4200, -28.2280

Conversions

Conversions Part 2

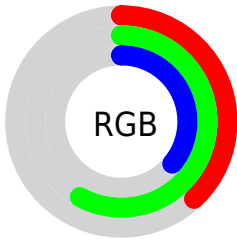
Format	Color
R_{YB}	93, 149, 144
Decimal	6460765
CIE _{Lab}	56.96, -28.63, 24.32
CIE _{LCh}	57, 37.565, 139.661
Yxy	24.8829, 0.3123, 0.4376
Android (android.graphics.Color)	4284650845 (0xFF62955D)
YUV	127.3670, -16.9429, -25.7549
Hunter-Lab	49.8817, -23.7387, 18.0121

Details

The HunterLab color $[49.8817, -23.7387, 18.0121]$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $[39.9108, 23.3711, -17.2401]$, and the grayscale version is $[46.2811, -2.4694, 2.5145]$.

A 20% lighter version of the original color is $[71.6274, -27.7774, 21.8093]$, and $[30.9209, -19.0143, 13.7642]$ is the 20% darker color. If you saturate the color by 10%, you get $[48.9409, -27.9415, 20.9130]$, and if you desaturate by 10%, it is $[50.9835, -18.9285, 14.6173]$.

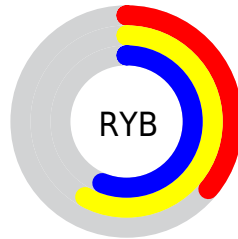
Distribution



Red (38%)

Green (58%)

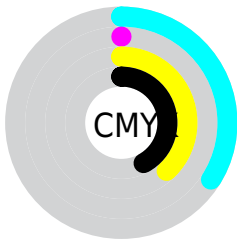
Blue (36%)



Red (36%)

Yellow (58%)

Blue (56%)

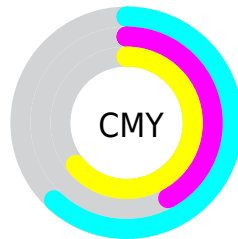


Cyan (34%)

Magenta (0%)

Yellow (38%)

Black (42%)



Cyan (62%)

Magenta (42%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8817, -23.7387, 18.0121 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 49.8817, -23.7387, 18.0121 by changing the saturation by 10% instead.

■ 49.8817, -23.7387,
18.0121

■ 49.8817, -23.7387,
18.0121

166.5095,
-42.0514, 34.6269

■ 39.9873, -21.4234,
15.9285

■ 71.7406, -28.1044,
21.9480

■ 30.8496, -18.9753,
13.7288

■ 83.6225, -30.1931,
23.8358

■ 22.5386, -16.3405,
11.3672

■ 96.0963, -32.2373,
25.6868

■ 15.1466, -13.4252,
9.2543

■ 109.1352,
-34.2461, 27.5092

■ 8.7786, -14.6817,
6.1450

122.7157,
-36.2268, 29.3098

0.0000, NaN, NaN

136.8170,

0.0000, NaN, NaN

-38.1850, 31.0937

0.0000, NaN, NaN

151.4205,
-40.1253, 32.8650

0.0000, NaN, NaN

■ 49.8817, -23.7387,
18.0121

■ 49.8817, -23.7387,
18.0121

■ 48.9409, -27.9415,
20.9130

■ 50.9835, -18.9285,
14.6173

■ 48.1573, -31.4970,
23.2968

■ 52.2413, -13.5569,
10.7599

■ 47.5291, -34.3849,
25.1563

■ 53.6529, -7.6811,
6.4798

■ 47.0502, -36.6042,
26.5009

■ 55.2135, -1.3608,
1.8207

■ 46.7113, -38.1775,
27.3610

■ 56.9171, 5.3444,
-3.1724

■ 46.4963, -39.1726,
27.8332

■ 58.7572, 12.3772,
-8.4556

■ 46.4583, -39.3519,
27.9385

■ 60.7268, 19.6846,
-13.9877

■ 62.8189, 27.2191,
-19.7306

■ 65.0262, 34.9389,
-25.6507

Harmonies

Analogous

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



49.8828, -12.4633, 22.9590



49.8817, -23.7387, 18.0121



49.8828, -29.1305, 7.6204

Triad

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



49.8828, -23.7396, 18.0125



49.8828, -7.9914, -34.8197



49.8828, 29.2277, 11.4791

Complementary

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



49.8817, -23.7387, 18.0121



39.9108, 23.3711, -17.2401

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.



49.8828, 30.8136, -2.7449



49.8817, -23.7387, 18.0121



49.8828, 7.9549, -32.8082

Square

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



49.8828, -23.7396, 18.0125



49.8828, -20.8166, -24.6595



49.8828, 22.6204, -19.8017



49.8828, 18.5238, 20.0795

Rectangle

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



49.8817, -23.7387, 18.0121



49.8828, -29.1790, -2.3728



49.8828, 22.6204, -19.8017



49.8828, 30.8915, 7.3181

Sweetspot

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



49.8828, -23.7396, 18.0125



71.0877, -13.2135, 10.8175



51.9098, -7.4414, 20.0276



33.3574, -6.6682, 5.4190



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



49.8828, -23.7396, 18.0125



65.6887, -36.5109, 27.3848



50.0701, -22.0980, 11.1158



25.4789, -4.1310, 3.4329



42.6278, -36.0693, 25.6356



4.7676, -3.7715, 2.8717

Inverse Universe

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



39.9108, 23.3711, -17.2401



49.7566, 39.1461, -29.3327



39.6747, 21.0658, -4.9869



24.2552, 1.5971, -0.8409



24.9341, 50.0247, -40.6647



2.8688, 5.6920, -4.1862

Previews

White Background



This preview shows how the HunterLab color 49.8817, -23.7387, 18.0121 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 49.8817, -23.7387, 18.0121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

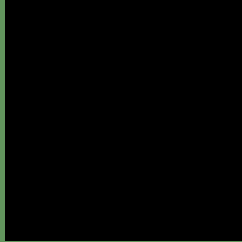
Any Text WCAG AA ✓ Pass

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 49.8817, -23.7387, 18.0121 Background



This preview shows how black text looks on a background with the HunterLab color 49.8817, -23.7387, 18.0121.



This preview shows how white text looks on a background with the HunterLab color 49.8817,

-23.7387, 18.0121.

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

49.8817, -23.7387, 18.0121

Protanopia

49.6073, -4.8502, 19.4483

Deuteranopia

49.5073, 3.6469, 17.0260



Tritanopia

49.8970, -9.5855, -5.2317

Trichromacy



Original Color

49.8817, -23.7387, 18.0121

Protanomaly

49.5316, -12.5283, 18.7232

Deuteranomaly

49.2187, -7.4179, 16.8677

Tritanomaly

49.8926, -15.5873, 4.9536

Monochromacy



Original Color

49.8817, -23.7387, 18.0121

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

47.2004, -10.8951, 8.5199

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8817, -23.7387, 18.0121 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(98, 149, 93)` looks like.

```
.text, #text, p{  
    color:rgb(98, 149, 93)  
}
```

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(98, 149, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 149, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8817, -23.7387, 18.0121 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(98, 149, 93) }
```


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

```
.border{ border-color:rgb(98, 149, 93) }
```

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

Here you see how a box with a 4 pixel rgb(98, 149, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 149, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 149, 93);  
box-shadow:4px 4px 4px 4px rgb(98, 149,  
93) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8817, -23.7387, 18.0121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 149, 93) }
```

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

```
.background{ background-color: rgb(98, 149,  
93) }
```

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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