

Converting Colors

HunterLab(49.0809, -24.5006,
17.2924)

Have a look what the booklet for
HunterLab(49.0809, -24.5006,
17.2924) contains.

HunterLab(49.2397, -24.6172, 17.4406)	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(49.2397,
-24.6172, 17.4406)**

Conversions

Conversions Part 1

Format	Color
Hex	5C945D
RGB	92, 148, 93
RGB Percent	36%, 58%, 36%
CMY	0.6392, 0.4196, 0.6353
CMYK	0.38, 0.00, 0.37, 0.42
HSL	121°, 23%, 47%
HSV	121°, 38%, 58%
XYZ	16.9794, 24.2455, 14.1409
YIQ	124.9860, -15.7210, -28.9770

Conversions

Conversions Part 2

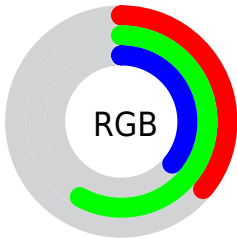
Format	Color
R_{YB}	92, 147, 148
Decimal	6067293
CIE _{Lab}	56.33, -30.18, 23.43
CIE _{LCh}	56, 38.208, 142.178
Yxy	24.2465, 0.3067, 0.4379
Android (android.graphics.Color)	4284257373 (0xFF5C945D)
YUV	124.9860, -15.7691, -28.9287
Hunter-Lab	49.2397, -24.6172, 17.4406

Details

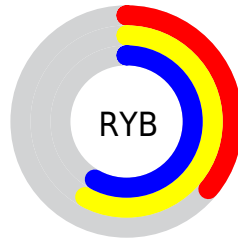
The HunterLab color $49.2397, -24.6172, 17.4406$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $40.0715, 24.7883, -15.7181$, and the grayscale version is $45.3452, -2.4195, 2.4637$.

A 20% lighter version of the original color is $70.8406, -29.0874, 21.0591$, and $30.3613, -19.7249, 13.3156$ is the 20% darker color. If you saturate the color by 10%, you get $48.2946, -28.8562, 20.2971$, and if you desaturate by 10%, it is $50.3658, -19.6967, 14.1407$.

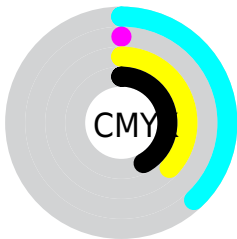
Distribution



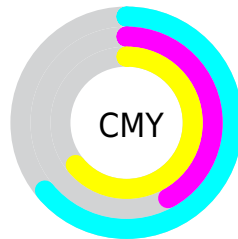
- Red (36%)
- Green (58%)
- Blue (36%)



- Red (36%)
- Yellow (58%)
- Blue (58%)



- Cyan (38%)
- Magenta (0%)
- Yellow (37%)
- Black (42%)



- Cyan (64%)
- Magenta (42%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.2397, -24.6172, 17.4406 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 49.2397, -24.6172, 17.4406 by changing the saturation by 10% instead.

■ 49.2397, -24.6172,
17.4406

■ 49.2397, -24.6172,
17.4406

165.5489,
-43.6415, 33.6663

■ 39.3911, -22.1902,
15.4132

■ 71.0156, -29.1773,
21.2742

■ 30.3030, -19.6166,
13.2739

■ 82.8593, -31.3527,
23.1153

■ 22.0467, -16.8369,
10.9771

■ 95.2968, -33.4781,
24.9217

■ 14.7163, -13.7474,
8.9684

■ 108.3010,
-35.5636, 26.7018

■ 8.3737, -14.6539,
5.8616

121.8482,
-37.6171, 28.4618

0.0000, NaN, NaN

135.9173,

0.0000, NaN, NaN

-39.6448, 30.2068

0.0000, NaN, NaN

150.4899,
-41.6516, 31.9405

0.0000, NaN, NaN

■ 49.2397, -24.6172,
17.4406

■ 49.2397, -24.6172,
17.4406

■ 48.2946, -28.8562,
20.2971

■ 50.3658, -19.6967,
14.1407

■ 47.5261, -32.3707,
22.6805

■ 51.6685, -14.1482,
10.4345

■ 46.9304, -35.1424,
24.5767

■ 53.1448, -8.0389,
6.3670

■ 46.4988, -37.1786,
25.9879

■ 54.7892, -1.4394,
1.9855

■ 46.2180, -38.5178,
26.9365

■ 56.5946, 5.5793,
-2.6629

■ 46.0588, -39.2819,
27.4796

■ 58.5533, 12.9498,
-7.5335

■ 46.0289, -39.4248,
27.5748

■ 60.6567, 20.6103,
-12.5859

■ 62.8963, 28.5057,
-17.7839

■ 65.2636, 36.5889,
-23.0968

Harmonies

Analogous

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



49.2407, -13.6957, 22.7855



49.2397, -24.6172, 17.4406



49.2407, -29.5126, 6.4930

Triad

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



49.2407, -24.6181, 17.4410



49.2407, -6.7405, -35.9381



49.2407, 29.1601, 12.4828

Complementary

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



49.2397, -24.6172, 17.4406



40.0715, 24.7883, -15.7181

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.



49.2407, 31.6407, -1.4639



49.2397, -24.6172, 17.4406



49.2407, 9.5083, -32.7757

Square

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



49.2407, -24.6181, 17.4410



49.2407, -20.0836, -26.4339



49.2407, 24.0550, -18.8119



49.2407, 17.6541, 20.6243

Rectangle

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



49.2397, -24.6172, 17.4406



49.2407, -29.1991, -3.8898



49.2407, 24.0550, -18.8119



49.2407, 31.1316, 8.4538

Sweetspot

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



49.2407, -24.6181, 17.4410



69.9036, -13.4993, 10.3338



53.0688, -10.2368, 21.2092



33.2839, -6.9243, 5.2532



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.



49.2407, -24.6181, 17.4410



64.3748, -37.3112, 26.2726



49.8348, -21.1212, 8.8417



25.4362, -4.2779, 3.3355



42.5398, -36.4327, 25.4765



4.7098, -4.0084, 2.7661

Inverse Universe

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



40.0715, 24.7883, -15.7181



49.9553, 40.7926, -26.1260



39.0950, 20.0436, -2.0599



24.3052, 1.7575, -0.7179



26.7090, 52.3144, -33.7048



2.9627, 5.8146, -3.8296

Previews

White Background



This preview shows how the HunterLab color 49.2397, -24.6172, 17.4406 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 49.2397, -24.6172, 17.4406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

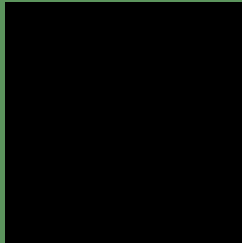
Any Text WCAG AA ✓ Pass

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 49.2397, -24.6172, 17.4406 Background



This preview shows how black text looks on a background with the HunterLab color 49.2397, -24.6172, 17.4406.



This preview shows how white text looks on a background with the HunterLab color 49.2397,

-24.6172, 17.4406.

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

49.2397, -24.6172, 17.4406

Protanopia

48.8526, -4.5936, 18.8173

Deuteranopia

48.9229, 3.0677, 16.4940



Tritanopia

49.1938, -10.6675, -5.6761

Trichromacy



Original Color

49.2397, -24.6172, 17.4406

Protanomaly

48.6200, -12.8249, 17.9393

Deuteranomaly

48.5837, -8.2070, 16.2884

Tritanomaly

49.2320, -16.4861, 4.1883

Monochromacy



Original Color

49.2397, -24.6172, 17.4406

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

46.3444, -11.0875, 8.3763

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.2397, -24.6172, 17.4406 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(92, 148, 93)` looks like.

```
.text, #text, p{  
    color:rgb(92, 148, 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(92, 148, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 148, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 49.2397, -24.6172, 17.4406 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(92, 148, 93) }
```


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

```
.border{ border-color:rgb(92, 148, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 148, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 148, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 148, 93);  
box-shadow:4px 4px 4px 4px rgb(92, 148,  
93) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.2397, -24.6172, 17.4406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 148, 93) }
```

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

```
.background{ background-color: rgb(92, 148,  
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](#).

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