

Converting Colors

HunterLab(49.7321, -23.0909,
12.2193)

Have a look what the booklet for
HunterLab(49.7321, -23.0909,
12.2193) contains.

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Color

**HunterLab(49.8159,
-23.2783, 12.3897)**

Conversions

Conversions Part 1

Format	Color
Hex	5A956F
RGB	90, 149, 111
RGB Percent	35%, 58%, 44%
CMY	0.6471, 0.4157, 0.5647
CMYK	0.40, 0.00, 0.26, 0.42
HSL	141°, 25%, 47%
HSV	141°, 40%, 58%
XYZ	17.8331, 24.8162, 18.8891
YIQ	127.0270, -22.9660, -24.3260

Conversions

Conversions Part 2

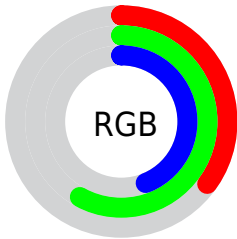
Format	Color
R_{YB}	90, 134, 149
Decimal	5936495
CIE _{Lab}	56.90, -27.97, 14.14
CIE _{LCh}	57, 31.337, 153.179
Y _{xy}	24.8173, 0.2898, 0.4033
Android (android.graphics.Color)	4284126575 (0xFF5A956F)
Y _{UV}	127.0270, -7.9013, -32.4727
Hunter-Lab	49.8159, -23.2783, 12.3897

Details

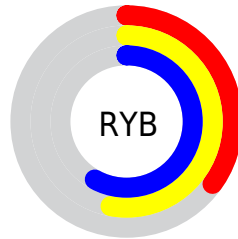
The HunterLab color $49.8159, -23.2783, 12.3897$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $39.0652, 22.7823, -6.5256$, and the grayscale version is $46.1164, -2.4607, 2.5056$.

A 20% lighter version of the original color is $71.4892, -27.4227, 14.8337$, and $30.8635, -18.7225, 9.6563$ is the 20% darker color. If you saturate the color by 10%, you get $48.9319, -27.1680, 14.6316$, and if you desaturate by 10%, it is $50.8564, -18.8410, 10.0690$.

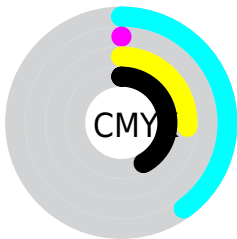
Distribution



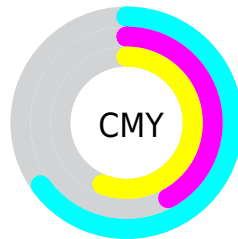
- Red (35%)
- Green (58%)
- Blue (44%)



- Red (35%)
- Yellow (53%)
- Blue (58%)



- Cyan (40%)
- Magenta (0%)
- Yellow (26%)
- Black (42%)



- Cyan (65%)
- Magenta (42%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8159, -23.2783, 12.3897 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 49.8159, -23.2783, 12.3897 by changing the saturation by 10% instead.

■ 49.8159, -23.2783,
12.3897

■ 49.8159, -23.2783,
12.3897

166.4111,
-41.2974, 24.4800

■ 39.9261, -21.0068,
10.9978

■ 71.6663, -27.5656,
15.1038

■ 30.7935, -18.6070,
9.5626

■ 83.5443, -29.6189,
16.4423

■ 22.4881, -16.0264,
8.0599

■ 96.0144, -31.6296,
17.7762

■ 15.1024, -13.1734,
6.4468

■ 109.0497,
-33.6066, 19.1092

■ 8.7380, -14.4126,
6.1166

122.6268,
-35.5569, 20.4441

0.0000, NaN, NaN

136.7248,

0.0000, NaN, NaN

-37.4860, 21.7832

0.0000, NaN, NaN

151.3252,
-39.3983, 23.1280

0.0000, NaN, NaN

■ 49.8159, -23.2783,
12.3897

■ 49.8159, -23.2783,
12.3897

■ 48.9319, -27.1680,
14.6316

■ 50.8564, -18.8410,
10.0690

■ 48.1997, -30.4773,
16.7660

■ 52.0497, -13.8958,
7.6943

■ 47.6161, -33.1913,
18.7676

■ 53.3941, -8.4926,
5.2911

■ 47.1740, -35.3132,
20.6120

■ 54.8858, -2.6845,
2.8819

■ 46.8622, -36.8687,
22.2779

■ 56.5196, 3.4746,
0.4860

■ 46.6483, -37.9827,
23.7338

■ 58.2894, 9.9327,
-1.8803

■ 46.6403, -38.0242,
23.7869

■ 60.1888, 16.6412,
-4.2043

■ 62.2109, 23.5562,
-6.4762

■ 64.3491, 30.6388,
-8.6892

Harmonies

Analogous

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



49.8169, -15.7581, 18.9359



49.8159, -23.2783, 12.3897



49.8169, -25.4787, 1.3590

Triad

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



49.8169, -23.2791, 12.3902



49.8169, -1.2505, -27.7821



49.8169, 20.3198, 14.1617

Complementary

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



49.8159, -23.2783, 12.3897



39.0652, 22.7823, -6.5256

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.



49.8169, 25.1856, 4.0275



49.8159, -23.2783, 12.3897



49.8169, 11.9472, -21.9155

Square

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



49.8169, -23.2791, 12.3902



49.8169, -13.5648, -23.8869



49.8169, 21.9746, -9.4089



49.8169, 9.2701, 19.7569

Rectangle

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



49.8159, -23.2783, 12.3897



49.8169, -23.8410, -7.7164



49.8169, 21.9746, -9.4089



49.8169, 22.7819, 11.2813

Sweetspot

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



49.8169, -23.2791, 12.3902



70.9569, -13.3334, 7.9334



51.8176, -16.4506, 20.5737



33.3053, -6.6697, 3.9072



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.



49.8169, -23.2791, 12.3902



65.5488, -36.0540, 19.3967



50.5643, -18.9104, 1.6647



25.4961, -3.9434, 2.4778



42.7935, -34.8447, 21.7315



4.7894, -3.5138, 1.5991

Inverse Universe

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



39.0652, 22.7823, -6.5256



48.2380, 38.5643, -10.8684



38.2104, 18.6027, 5.6120



24.2373, 1.3938, 0.2456



24.6856, 45.1754, -6.5337



2.8323, 5.3586, -2.1101

Previews

White Background



This preview shows how the HunterLab color 49.8159, -23.2783, 12.3897 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 49.8159, -23.2783, 12.3897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

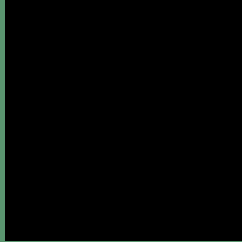
Any Text WCAG AA ✓ Pass

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 49.8159, -23.2783, 12.3897 Background



This preview shows how black text looks on a background with the HunterLab color 49.8159, -23.2783, 12.3897.



This preview shows how white text looks on a background with the HunterLab color 49.8159,

-23.2783, 12.3897.

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

49.8159, -23.2783, 12.3897

Protanopia

49.6467, -4.0760, 14.5602

Deuteranopia

49.5362, 3.1131, 11.1651



Tritanopia

49.7200, -11.6380, -6.5456

Trichromacy



Original Color

49.8159, -23.2783, 12.3897

Protanomaly

49.4684, -12.1070, 13.5986

Deuteranomaly

49.2924, -7.8926, 11.0871

Tritanomaly

49.6001, -16.2299, 1.0812

Monochromacy



Original Color

49.8159, -23.2783, 12.3897

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

47.2079, -10.5655, 6.1855

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8159, -23.2783, 12.3897 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(90, 149, 111)` looks like.

```
.text, #text, p{  
    color:rgb(90, 149, 111)  
}
```

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(90, 149, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 149, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8159, -23.2783, 12.3897 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(90, 149, 111) }
```


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

```
.border{ border-color:rgb(90, 149, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 149, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 149, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 149, 111);  
box-shadow:4px 4px 4px 4px rgb(90, 149,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8159, -23.2783, 12.3897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 149, 111) }
```

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

```
.background{ background-color: rgb(90, 149,  
111) }
```

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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