

Converting Colors

HunterLab(49.9018, -24.8870,
-0.9642)

Have a look what the booklet for
HunterLab(49.9018, -24.8870,
-0.9642) contains.

HunterLab(49.8246, -24.7990, -1.1306)	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(49.8246,
-24.7990, -1.1306)**

Conversions

Conversions Part 1

Format	Color
Hex	329790
RGB	50, 151, 144
RGB Percent	20%, 59%, 56%
CMY	0.8039, 0.4078, 0.4353
CMYK	0.67, 0.00, 0.05, 0.41
HSL	176°, 50%, 39%
HSV	176°, 67%, 59%
XYZ	17.4160, 24.8249, 30.2593
YIQ	120.0030, -57.9490, -23.5890

Conversions

Conversions Part 2

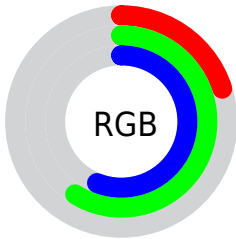
Format	Color
RYB	50, 102, 151
Decimal	3315600
CIELab	56.91, -30.25, -4.82
CIElCh	57, 30.632, 189.049
Yxy	24.8259, 0.2402, 0.3424
Android (android.graphics.Color)	4281505680 (0xFF329790)
YUV	120.0030, 11.8305, -61.3926
Hunter-Lab	49.8246, -24.7990, -1.1306

Details

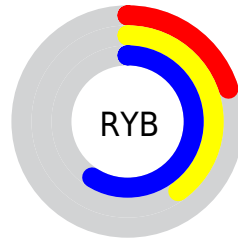
The HunterLab color **49.8246, -24.7990, -1.1306** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **30.2599, 33.4192, 11.6450**, and the grayscale version is **43.3123, -2.3110, 2.3532**.

A 20% lighter version of the original color is **71.7878, -29.4142, -0.4046**, and **31.1959, -17.5021, -1.2101** is the 20% darker color. If you saturate the color by 10%, you get **49.4686, -26.2696, -1.1018**, and if you desaturate by 10%, it is **50.3063, -22.8598, -0.9964**.

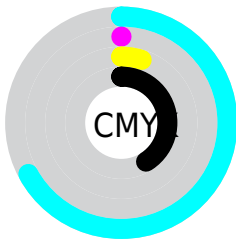
Distribution



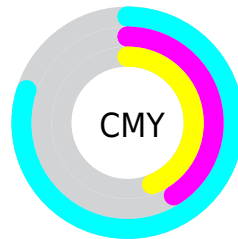
- Red (20%)
- Green (59%)
- Blue (56%)



- Red (20%)
- Yellow (40%)
- Blue (59%)



- Cyan (67%)
- Magenta (0%)
- Yellow (5%)
- Black (41%)



- Cyan (80%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8246, -24.7990, -1.1306 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 49.8246, -24.7990, -1.1306 by changing the saturation by 10% instead.

■ 49.8246, -24.7990,
-1.1306

■ 49.8246, -24.7990,
-1.1306

166.4240,
-43.8318, 3.4349

■ 39.9341, -22.3737,
-1.4167

■ 71.6761, -29.3574,
-0.4004

■ 30.8008, -19.8046,
-1.6434

■ 83.5545, -31.5334,
0.0336

■ 22.4947, -17.0331,
-1.8016

■ 96.0251, -33.6598,
0.5094

■ 15.1082, -13.9585,
-1.8793

■ 109.0609,
-35.7467, 1.0244

■ 8.7434, -15.3009,
-1.9088

■ 122.6385,
-37.8018, 1.5762

0.0000, NaN, NaN

0.0000, NaN, NaN

136.7369,

-39.8312, 2.1629

0.0000, NaN, NaN

151.3377,
-41.8399, 2.7830

0.0000, NaN, NaN

■ 49.8246, -24.7990,
-1.1306

■ 49.8246, -24.7990,
-1.1306

■ 49.4686, -26.2696,
-1.1018

■ 50.3063, -22.8598,
-0.9964

■ 49.2249, -27.3007,
-0.9259

■ 50.9182, -20.4378,
-0.6925

■ 49.0747, -27.9630,
-0.6291

■ 51.6665, -17.5340,
-0.2138

■ 49.0339, -28.1458,
-0.5293

■ 52.5539, -14.1613,
0.4394

■ 53.5813, -10.3424,
1.2634

■ 54.7479, -6.1075,
2.2515

■ 56.0515, -1.4919,
3.3946

■ 57.4887, 3.4661,
4.6820

■ 59.0553, 8.7272,
6.1019

Harmonies

Analogous

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



49.8256, -23.7094, 10.4093



49.8246, -24.7990, -1.1306



49.8256, -20.4426, -14.4932

Triad

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



49.8256, -24.7992, -1.1299



49.8256, 13.8881, -19.2247



49.8256, 6.4897, 20.0544

Complementary

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



49.8246, -24.7990, -1.1306



30.2599, 33.4192, 11.6450

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.



49.8256, 18.0268, 15.3687



49.8246, -24.7990, -1.1306



49.8256, 22.5901, -6.4504

Square

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



49.8256, -24.7992, -1.1299



49.8256, 1.2866, -26.5482



49.8256, 24.1769, 6.2707



49.8256, -6.4899, 20.7947

Rectangle

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



49.8246, -24.7990, -1.1306



49.8256, -14.7483, -21.9636



49.8256, 24.1769, 6.2707



49.8256, 10.7006, 18.9582

Sweetspot

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



49.8256, -24.7992, -1.1299



71.1986, -15.7028, 1.2774



48.2458, -34.8070, 25.4104



33.7737, -8.1181, 0.4724



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



49.8256, -24.7992, -1.1299



66.0279, -35.8751, -1.3866



37.1926, -5.7583, -23.8578



26.4937, -3.4727, 0.9753



45.2275, -25.9485, -0.5151



5.5472, -3.0694, -0.3075

Inverse Universe

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



30.2599, 33.4192, 11.6450



36.7195, 53.2337, 18.6568



38.0516, 13.9703, 18.9891



24.9585, 0.8451, 1.8718



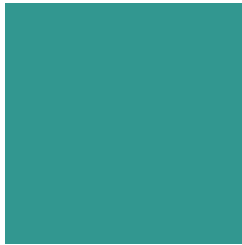
23.7034, 40.6826, 14.6198



2.9260, 5.0771, 1.3776

Previews

White Background



This preview shows how the HunterLab color 49.8246, -24.7990, -1.1306 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 49.8246, -24.7990, -1.1306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

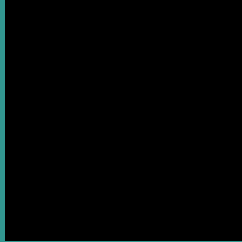
Any Text WCAG AA ✓ Pass

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 49.8246, -24.7990, -1.1306 Background



This preview shows how black text looks on a background with the HunterLab color 49.8246, -24.7990, -1.1306.



This preview shows how white text looks on a background with the HunterLab color 49.8246,

-24.7990, -1.1306.

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

49.8246, -24.7990, -1.1306

Protanopia

49.4778, -1.7393, 2.9901

Deuteranopia

49.4776, 3.3334, -3.0271



Tritanopia

49.9676, -19.8359, -9.5664

Trichromacy



Original Color

49.8246, -24.7990, -1.1306

Protanomaly

48.9376, -12.4859, 0.8053

Deuteranomaly

48.8088, -9.3263, -3.6189

Tritanomaly

49.9915, -21.7920, -6.3553

Monochromacy



Original Color

49.8246, -24.7990, -1.1306

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

45.0005, -12.1194, 0.1531

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8246, -24.7990, -1.1306 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(50, 151, 144)` looks like.

```
.text, #text, p{  
    color:rgb(50, 151, 144)  
}
```

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(50, 151, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 151, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8246, -24.7990, -1.1306 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(50, 151, 144) }
```


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

```
.border{ border-color:rgb(50, 151, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 151, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 151, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 151, 144);  
box-shadow:4px 4px 4px 4px rgb(50, 151,  
144) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8246, -24.7990, -1.1306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 151, 144) }
```

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

```
.background{ background-color: rgb(50, 151,  
144) }
```

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