

# Converting Colors

HunterLab(49.8358, -26.7075,  
14.0186)

Have a look what the booklet for  
HunterLab(49.8358, -26.7075,  
14.0186) contains.

<b>HunterLab(49.8358, -26.7075, 14.0186)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(49.8358,  
-26.7075, 14.0186)**

# Conversions

Conversions Part 1	
Format	Color
Hex	4F976A
RGB	79, 151, 106
RGB Percent	31%, 59%, 42%
CMY	0.6902, 0.4078, 0.5843
CMYK	0.48, 0.00, 0.30, 0.41
HSL	142°, 31%, 45%
HSV	142°, 48%, 59%
XYZ	16.8926, 24.8361, 17.5392
YIQ	124.3420, -28.4670, -29.2590

# Conversions

## Conversions Part 2

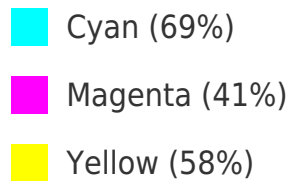
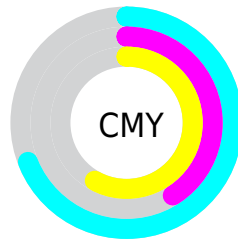
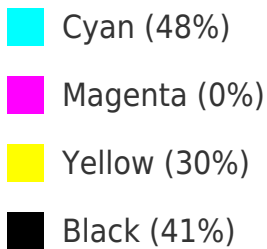
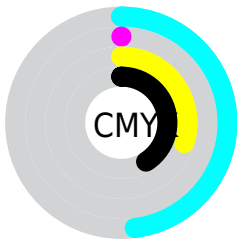
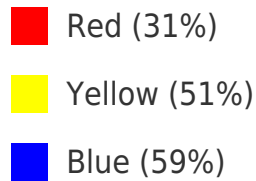
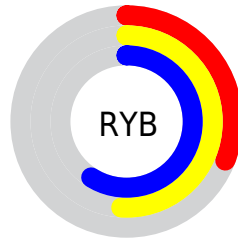
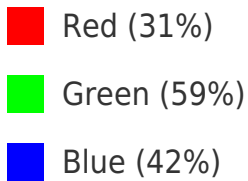
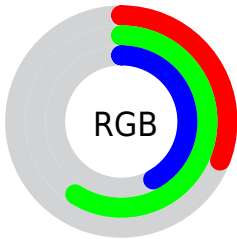
Format	Color
<a href="#">RYB</a>	<a href="#">79, 131, 151</a>
Decimal	<a href="#">5216106</a>
CIELab	<a href="#">56.92, -33.17, 16.90</a>
CIELCh	<a href="#">57, 37.228, 153.009</a>
Yxy	<a href="#">24.8371, 0.2850, 0.4190</a>
Android (android.graphics.Color)	<a href="#">4283406186</a> (0xFF4F976A)
YUV	<a href="#">124.3420, -9.0426, -39.7649</a>
Hunter-Lab	<a href="#">49.8358, -26.7075, 14.0186</a>

# Details

The HunterLab color **49.8358, -26.7075, 14.0186** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **36.9148, 28.2271, -7.3875**, and the grayscale version is **45.0716, -2.4049, 2.4488**.

A 20% lighter version of the original color is **71.7513, -31.8438, 17.2969**, and **30.6779, -21.2253, 10.7956** is the 20% darker color. If you saturate the color by 10%, you get **49.0670, -30.1628, 16.1699**, and if you desaturate by 10%, it is **50.7613, -22.6757, 11.7820**.

# Distribution





# Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8358, -26.7075, 14.0186 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 49.8358, -26.7075, 14.0186 by changing the saturation by 10% instead.





 49.8358, -26.7075,  
14.0186


 49.8358, -26.7075,  
14.0186


166.4409,  
-47.0477, 27.3062


 39.9446, -24.0847,  
12.4443


 71.6888, -31.6170,  
17.0550

 30.8104, -21.2967,  
10.8073


 83.5679, -33.9512,  
18.5387


 22.5033, -18.2784,  
9.0771

 96.0391, -36.2268,  
20.0093

 15.1158, -14.9175,  
7.2161

 109.0756,  
-38.4552, 21.4719

 8.7503, -15.3131,  
6.1252

 122.6537,  
-40.6452, 22.9302

0.0000, NaN, NaN

0.0000, NaN, NaN


136.7527,


-42.8038, 24.3872


0.0000, NaN, NaN


151.3540,  
-44.9364, 25.8453


0.0000, NaN, NaN


 49.8358, -26.7075,  
14.0186


 49.8358, -26.7075,  
14.0186


 49.0670, -30.1628,  
16.1699


 50.7613, -22.6757,  
11.7820


 48.4483, -33.0211,  
18.2079


 51.8418, -18.0983,  
9.4853


 47.9737, -35.2826,  
20.1078


 53.0771, -13.0195,  
7.1549

 47.6330, -36.9689,  
21.8469


 54.4645, -7.4895,  
4.8143


 47.4031, -38.1623,  
23.3981


 55.9998, -1.5619,  
2.4845

 47.3559, -38.4088,  
23.7229

 57.6776, 4.7096,  
0.1834

 59.4917, 11.2732,  
-2.0746

 61.4356, 18.0809,  
-4.2784

 63.5025, 25.0895,  
-6.4198

# Harmonies

## Analogous

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



49.8368, -17.9962, 21.2214



49.8358, -26.7075, 14.0186



49.8368, -29.2566, 1.1889

# Triad

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



49.8368, -26.7082, 14.0191



49.8368, -1.0747, -35.1011



49.8368, 25.1191, 15.9063

# Complementary

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



49.8358, -26.7075, 14.0186



36.9148, 28.2271, -7.3875

# 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.



49.8368, 31.0309, 4.1900



49.8358, -26.7075, 14.0186



49.8368, 14.7849, -27.6993

# Square

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



49.8368, -26.7082, 14.0191



49.8368, -15.5779, -30.0666



49.8368, 27.0361, -12.0801



49.8368, 11.7203, 22.0518



# Rectangle

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



49.8358, -26.7075, 14.0186



49.8368, -27.4113, -9.8020



49.8368, 27.0361, -12.0801



49.8368, 28.1177, 12.6413

# Sweetspot

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



49.8368, -26.7082, 14.0191



71.6374, -14.9695, 8.5092



51.9892, -19.2988, 23.2614



33.9806, -7.8290, 4.3558



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.



49.8368, -26.7082, 14.0191



65.6196, -40.5573, 21.7674



50.7263, -21.4569, 1.2442



26.3856, -4.0746, 2.5187



43.6837, -35.3886, 21.7930



5.4035, -3.9412, 1.7541



# Inverse Universe

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



36.9148, 28.2271, -7.3875



45.3169, 46.4434, -11.4792



35.8975, 23.4300, 7.0646



25.0686, 1.4370, 0.3033



25.0920, 45.7562, -5.3774



3.1803, 5.9954, -2.2015



# Previews

## White Background



This preview shows how the HunterLab color 49.8358, -26.7075, 14.0186 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 49.8358, -26.7075, 14.0186 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

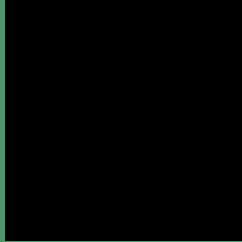
Any Text WCAG AA ✓ Pass

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 49.8358, -26.7075, 14.0186 Background



This preview shows how black text looks on a background with the HunterLab color 49.8358, -26.7075, 14.0186.



This preview shows how white text looks on a background with the HunterLab color 49.8358, -26.7075, 14.0186.

-26.7075, 14.0186.

# 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

49.8358, -26.7075, 14.0186

### Protanopia

49.6187, -4.4143, 16.3923

### Deuteranopia

49.6261, 3.1895, 13.0107



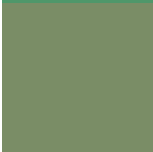
## **Tritanopia**

49.8751, -14.1259, -6.9043

# Trichromacy



**Original Color**  
49.8358, -26.7075, 14.0186



**Protanomaly**  
49.1392, -13.5275, 14.8755



**Deuteranomaly**  
48.9369, -9.3982, 12.4613

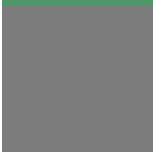


**Tritanomaly**  
49.7279, -18.9963, 1.6413

# Monochromacy



**Original Color**  
49.8358, -26.7075, 14.0186



**Achromatopsia**  
44.8950, -2.3955, 2.4392



**Achromatomaly**  
46.3926, -12.2367, 6.8643

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 49.8358, -26.7075, 14.0186 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(79, 151, 106)` looks like.

```
.text, #text, p{  
    color:rgb(79, 151, 106)  
}
```

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(79, 151, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 151, 106) }
```

## Border

The CSS property to change the border of an element to HunterLab 49.8358, -26.7075, 14.0186 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(79, 151, 106) }
```



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

```
.border{ border-color:rgb(79, 151, 106) }
```

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

Here you see how a box with a 4 pixel rgb(79, 151, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 151, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 151, 106);  
box-shadow:4px 4px 4px 4px rgb(79, 151,  
106) }
```

# Background

The CSS property to change the background color of an element to HunterLab 49.8358, -26.7075, 14.0186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(79, 151, 106) }
```

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

```
.background{ background-color:rgb(79, 151,  
106) }
```

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