

# Converting Colors

HunterLab(63.0552, -26.3601,  
18.4538)

Have a look what the booklet for  
HunterLab(63.0552, -26.3601,  
18.4538) contains.

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# Color

**HunterLab(62.9736,  
-26.1340, 18.4628)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	80B682
RGB	128, 182, 130
RGB Percent	50%, 71%, 51%
CMY	0.4980, 0.2863, 0.4902
CMYK	0.30, 0.00, 0.29, 0.29
HSL	122°, 27%, 61%
HSV	122°, 30%, 71%
XYZ	29.6593, 39.6567, 27.2104
YIQ	159.9260, -15.4920, -27.6200

# Conversions

## Conversions Part 2

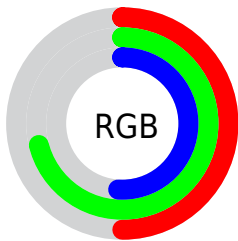
Format	Color
<a href="#">RYB</a>	<a href="#">128, 180, 182</a>
Decimal	<a href="#">8435330</a>
CIELab	<a href="#">69.23, -28.21, 20.96</a>
CIELCh	<a href="#">69, 35.145, 143.382</a>
Yxy	<a href="#">39.6584, 0.3073, 0.4108</a>
Android (android.graphics.Color)	<a href="#">4286625410 (0xFF80B682)</a>
YUV	<a href="#">159.9260, -14.7535, -27.9991</a>
Hunter-Lab	<a href="#">62.9736, -26.1340, 18.4628</a>

# Details

The HunterLab color  $62.9736, -26.1340, 18.4628$  is a light color, and the websafe version is hex  $99CC99$ . A complement of this color would be  $53.5532, 23.7749, -14.3918$ , and the grayscale version is  $59.3240, -3.1654, 3.2232$ .

A 20% lighter version of the original color is  $86.3209, -30.2711, 21.8897$ , and  $42.2581, -21.7477, 15.0102$  is the 20% darker color. If you saturate the color by 10%, you get  $61.5955, -32.1980, 22.5017$ , and if you desaturate by 10%, it is  $64.5833, -19.2522, 13.9178$ .

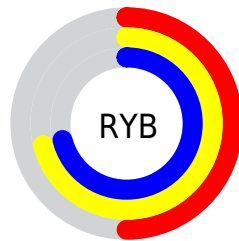
# Distribution



Red (50%)

Green (71%)

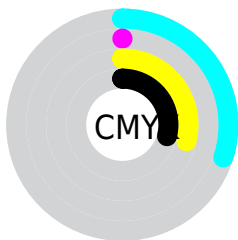
Blue (51%)



Red (50%)

Yellow (71%)

Blue (71%)

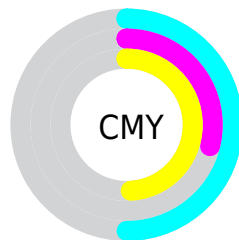


Cyan (30%)

Magenta (0%)

Yellow (29%)

Black (29%)



Cyan (50%)

Magenta (29%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.9736, -26.1340, 18.4628 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 62.9736, -26.1340, 18.4628 by changing the saturation by 10% instead.



■ 62.9736, -26.1340,  
18.4628

■ 62.9736, -26.1340,  
18.4628

185.6561,  
-43.9069, 33.3639

■ 52.2229, -23.9601,  
16.6900

■ 86.3962, -30.2980,  
21.8888

■ 42.1638, -21.6962,  
14.8558

■ 99.0002, -32.3123,  
23.5609

■ 32.8491, -19.3125,  
12.9372

■ 112.1637,  
-34.2941, 25.2153

■ 24.3438, -16.7607,  
10.8980

125.8639,  
-36.2500, 26.8569

■ 16.7340, -13.9599,  
8.6956

140.0805,  
-38.1854, 28.4898

■ 10.1408, -12.7807,  
7.0986

154.7953,

0.0000, NaN, NaN

-40.1044, 30.1170

0.0000, NaN, NaN

169.9921,  
-42.0107, 31.7410

0.0000, NaN, NaN

■ 62.9736, -26.1340,  
18.4628

■ 62.9736, -26.1340,  
18.4628

■ 61.5955, -32.1980,  
22.5017

■ 64.5833, -19.2522,  
13.9178

■ 60.4462, -37.3716,  
25.9848

■ 66.4163, -11.6329,  
8.9211

■ 59.5243, -41.6090,  
28.8782

■ 68.4670, -3.3685,  
3.5334

■ 58.8221, -44.8931,  
31.1653

■ 70.7267, 5.4487,  
-2.1851

■ 58.3271, -47.2430,  
32.8516

■ 73.1851, 14.7300,  
-8.1776

■ 58.0201, -48.7202,  
33.9679

■ 75.8315, 24.3939,  
-14.3919

■ 57.8596, -49.4985,  
34.5709

■ 78.6061, 34.2222,  
-20.8582

■ 57.8552, -49.5196,  
34.5847

■ 78.7003, 34.6923,  
-22.1720

# Harmonies

## Analogous

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



62.9749, -15.0775, 24.7555



62.9736, -26.1340, 18.4628



62.9749, -31.0217, 6.6978

# Triad

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



62.9749, -26.1352, 18.4634



62.9749, -6.8587, -32.9789



62.9749, 27.3278, 13.9409

# Complementary

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



62.9736, -26.1340, 18.4628



53.5532, 23.7749, -14.3918

# 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.



62.9749, 30.0843, -0.0273



62.9736, -26.1340, 18.4628



62.9749, 9.2746, -29.6562

# Square

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



62.9749, -26.1352, 18.4634



62.9749, -20.6307, -24.7686



62.9749, 23.1882, -16.5723



62.9749, 15.9912, 22.6346



# Rectangle

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



62.9736, -26.1340, 18.4628



62.9749, -30.5059, -3.7045



62.9749, 23.1882, -16.5723



62.9749, 29.3322, 9.8127

# Sweetspot

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



62.9749, -26.1352, 18.4634



89.5620, -15.1058, 11.6475



66.8907, -11.6655, 22.9117



41.9128, -7.8302, 5.9519



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515



# Same Dimension

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



62.9749, -26.1352, 18.4634



83.4707, -40.9764, 28.7090



63.6194, -22.3920, 9.1648



31.7260, -5.4267, 4.1758



48.6198, -41.5987, 29.0292



9.1387, -7.7475, 5.3020



# Inverse Universe

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



53.5532, 23.7749, -14.3918



68.0837, 40.8247, -25.1116



52.6219, 19.0987, -1.2948



30.2603, 2.2939, -0.9106



30.3616, 59.2249, -36.4253



5.7163, 11.1745, -7.0436



# Previews

## White Background



This preview shows how the HunterLab color 62.9736, -26.1340, 18.4628 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 62.9736, -26.1340, 18.4628 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

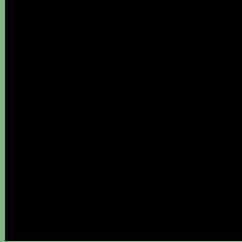
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 62.9736, -26.1340, 18.4628 Background



This preview shows how black text looks on a background with the HunterLab color 62.9736, -26.1340, 18.4628.



This preview shows how white text looks on a background with the HunterLab color 62.9736,

-26.1340, 18.4628.

# 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

62.9736, -26.1340, 18.4628

### Protanopia

62.6772, -5.1753, 20.4925

### Deuteranopia

62.6878, 4.1608, 17.3690



## Tritanopia

62.7630, -10.6905, -6.4572

# Trichromacy



## Original Color

62.9736, -26.1340, 18.4628

## Protanomaly

62.5099, -13.4181, 19.5615

## Deuteranomaly

62.2313, -7.8930, 17.0669

## Tritanomaly

62.7576, -16.8497, 3.8368

# Monochromacy



## Original Color

62.9736, -26.1340, 18.4628

## Achromatopsia

59.2902, -3.1636, 3.2213

## Achromatomaly

60.3913, -12.1651, 9.0846

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 62.9736, -26.1340, 18.4628 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(128, 182, 130)` looks like.

```
.text, #text, p{  
    color:rgb(128, 182, 130)  
}
```

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(128, 182, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 182, 130) }
```

## Border

The CSS property to change the border of an element to HunterLab 62.9736, -26.1340, 18.4628 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(128, 182, 130) }
```



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

```
.border{ border-color:rgb(128, 182, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 182, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 182, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 182, 130);  
box-shadow:4px 4px 4px 4px rgb(128, 182,  
130) }
```

# Background

The CSS property to change the background color of an element to HunterLab 62.9736, -26.1340, 18.4628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 182, 130) }
```

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

```
.background{ background-color: rgb(128,  
182, 130) }
```

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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