

# Converting Colors

HunterLab(61.4001, -24.6956,  
15.2878)

Have a look what the booklet for  
HunterLab(61.4001, -24.6956,  
15.2878) contains.

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# Color

**HunterLab(61.5428,  
-24.7312, 15.4068)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CB287
RGB	124, 178, 135
RGB Percent	49%, 70%, 53%
CMY	0.5137, 0.3019, 0.4706
CMYK	0.30, 0.00, 0.24, 0.30
HSL	132°, 26%, 59%
HSV	132°, 30%, 70%
XYZ	28.6057, 37.8752, 28.7246
YIQ	156.9520, -18.3810, -24.8210

# Conversions

## Conversions Part 2

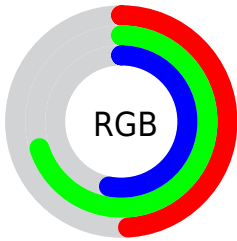
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 169, 178
Decimal	8172167
CIELab	67.93, -26.69, 16.43
CIELCh	68, 31.342, 148.375
Yxy	37.8767, 0.3005, 0.3978
Android (android.graphics.Color)	4286362247 (0xFF7CB287)
YUV	156.9520, -10.8223, -28.8989
Hunter-Lab	61.5428, -24.7312, 15.4068

# Details

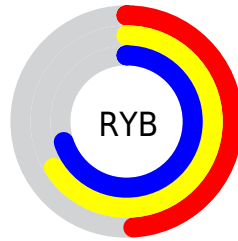
The HunterLab color  $61.5428, -24.7312, 15.4068$  is a dark color, and the websafe version is hex  $99CC99$ . A complement of this color would be  $51.6441, 22.1065, -9.7637$ , and the grayscale version is  $58.0954, -3.0998, 3.1564$ .

A 20% lighter version of the original color is  $84.8183, -28.7702, 18.5036$ , and  $40.9140, -20.4633, 12.3984$  is the 20% darker color. If you saturate the color by 10%, you get  $60.2453, -30.3810, 18.8433$ , and if you desaturate by 10%, it is  $63.0484, -18.3751, 11.7204$ .

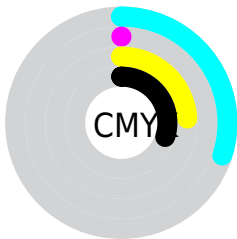
# Distribution



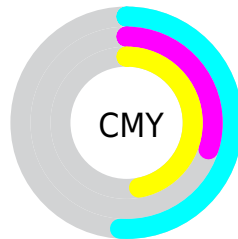
- Red (49%)
- Green (70%)
- Blue (53%)



- Red (49%)
- Yellow (66%)
- Blue (70%)



- Cyan (30%)
- Magenta (0%)
- Yellow (24%)
- Black (30%)



- Cyan (51%)
- Magenta (30%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.5428, -24.7312, 15.4068 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 61.5428, -24.7312, 15.4068 by changing the saturation by 10% instead.



■ 61.5428, -24.7312,  
15.4068

■ 61.5428, -24.7312,  
15.4068

183.6004,  
-41.9013, 28.4322

■ 50.8793, -22.6395,  
13.9065

■ 84.8052, -28.7422,  
18.3402

■ 40.9135, -20.4627,  
12.3673

■ 97.3348, -30.6850,  
19.7869

■ 31.6997, -18.1711,  
10.7715

■ 110.4272,  
-32.5981, 21.2271

■ 23.3051, -15.7171,  
9.0906

124.0590,  
-34.4879, 22.6645

■ 15.8191, -13.0193,  
7.2764

138.2097,  
-36.3595, 24.1017

■ 9.3694, -12.9120,  
6.5586

152.8610,

0.0000, NaN, NaN

-38.2168, 25.5410

0.0000, NaN, NaN

167.9962,  
-40.0632, 26.9840

0.0000, NaN, NaN

■ 61.5428, -24.7312,  
15.4068

■ 61.5428, -24.7312,  
15.4068

■ 60.2453, -30.3810,  
18.8433

■ 63.0484, -18.3751,  
11.7204

■ 59.1530, -35.2620,  
21.9861

■ 64.7548, -11.3803,  
7.8253

■ 58.2648, -39.3337,  
24.7986

■ 66.6573, -3.8245,  
3.7649

■ 57.5744, -42.5778,  
27.2502

■ 68.7487, 4.2145,  
-0.4210

■ 57.0712, -45.0047,  
29.3199

■ 71.0204, 12.6619,  
-4.6965

■ 56.7390, -46.6590,  
30.9975

■ 73.4631, 21.4481,  
-9.0306

■ 56.5431, -47.6714,  
32.2350

■ 76.0674, 30.5109,  
-13.3970

■ 77.3978, 35.6004,  
-19.9617

■ 77.6674, 36.9369,  
-23.7170

# Harmonies

## Analogous

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



61.5441, -15.6604, 22.0105



61.5428, -24.7312, 15.4068



61.5441, -28.1328, 4.0776

# Triad

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



61.5441, -24.7323, 15.4075



61.5441, -4.0548, -28.4452



61.5441, 22.4567, 14.3991

# Complementary

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



61.5428, -24.7312, 15.4068



51.6441, 22.1065, -9.7637

# 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.



61.5441, 26.2569, 2.6134



61.5428, -24.7312, 15.4068



61.5441, 10.1482, -23.9674

# Square

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



61.5441, -24.7323, 15.4075



61.5441, -16.8805, -22.9351



61.5441, 21.5673, -11.7821



61.5441, 11.5991, 21.5271



# Rectangle

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



61.5428, -24.7312, 15.4068



61.5441, -26.9820, -5.3562



61.5441, 21.5673, -11.7821



61.5441, 24.6426, 10.9450

# Sweetspot

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



61.5441, -24.7323, 15.4075



87.4886, -14.1593, 9.9018



64.4478, -14.3529, 21.9181



41.0141, -7.3339, 5.0260



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978



# Same Dimension

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



61.5441, -24.7323, 15.4075



81.7441, -38.2023, 23.6989



62.2327, -20.7437, 5.5057



30.8504, -5.0536, 3.5250



47.8354, -40.2740, 27.1498



8.5336, -6.8413, 4.1022



# Inverse Universe

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



51.6441, 22.1065, -9.7637



65.8885, 37.0434, -16.6228



50.7744, 17.7267, 2.5340



29.3538, 1.9876, -0.2775



28.5890, 53.8599, -19.5133



5.1448, 9.8136, -4.4504



# Previews

## White Background



This preview shows how the HunterLab color 61.5428, -24.7312, 15.4068 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

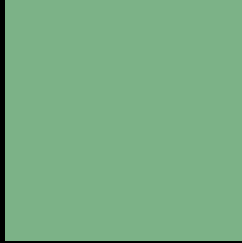
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 61.5428, -24.7312, 15.4068 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

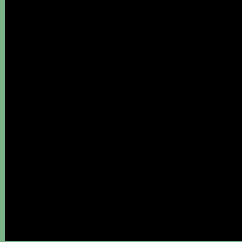
Any Text WCAG AA ✓ Pass

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 61.5428, -24.7312, 15.4068 Background



This preview shows how black text looks on a background with the HunterLab color 61.5428, -24.7312, 15.4068.



This preview shows how white text looks on a background with the HunterLab color 61.5428,

-24.7312, 15.4068.

# 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

61.5428, -24.7312, 15.4068

### Protanopia

61.4210, -4.8346, 17.7144

### Deuteranopia

61.3250, 4.1432, 14.2451



## Tritanopia

61.3978, -11.0662, -6.6839

# Trichromacy



## Original Color

61.5428, -24.7312, 15.4068

## Protanomaly

61.2831, -12.9434, 16.7614

## Deuteranomaly

61.0036, -7.4180, 14.0909

## Tritanomaly

61.4882, -16.6911, 2.3443

# Monochromacy



## Original Color

61.5428, -24.7312, 15.4068

## Achromatopsia

58.0658, -3.0982, 3.1548

## Achromatomaly

59.2452, -11.6138, 7.8480

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 61.5428, -24.7312, 15.4068 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(124, 178, 135)` looks like.

```
.text, #text, p{  
    color:rgb(124, 178, 135)  
}
```

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(124, 178, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 178, 135) }
```

## Border

The CSS property to change the border of an element to HunterLab 61.5428, -24.7312, 15.4068 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(124, 178, 135) }
```



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

```
.border{ border-color:rgb(124, 178, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 178, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 178, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 178, 135);  
box-shadow:4px 4px 4px 4px rgb(124, 178,  
135) }
```

# Background

The CSS property to change the background color of an element to HunterLab 61.5428, -24.7312, 15.4068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 178, 135) }
```

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

```
.background{ background-color: rgb(124,  
178, 135) }
```

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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