

# Converting Colors

HunterLab(62.3327, 13.7193,  
31.6041)

Have a look what the booklet for  
HunterLab(62.3327, 13.7193,  
31.6041) contains.

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# Color

**HunterLab(62.3511, 13.7771,  
31.6277)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE994F
RGB	222, 153, 79
RGB Percent	87%, 60%, 31%
CMY	0.1294, 0.4000, 0.6902
CMYK	0.00, 0.31, 0.64, 0.13
HSL	31°, 68%, 59%
HSV	31°, 64%, 87%
XYZ	42.9267, 38.8766, 12.6386
YIQ	165.1950, 64.8780, -8.3860

# Conversions

## Conversions Part 2

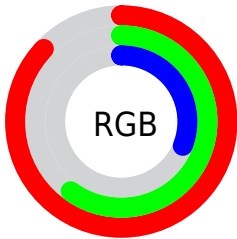
Format	Color
R <sub>Y</sub> B	212, 222, 79
Decimal	14588239
CIE Lab	68.66, 18.69, 48.41
CIE LCh	69, 51.892, 68.885
Yxy	38.8785, 0.4545, 0.4117
Android (android.graphics.Color)	4292778319 (0xFFDE994F)
YUV	165.1950, -42.4941, 49.8180
Hunter-Lab	62.3511, 13.7771, 31.6277

# Details

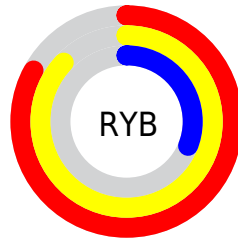
The HunterLab color **62.3511, 13.7771, 31.6277** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **53.0232, -1.9013, -44.6353**, and the grayscale version is **61.5721, -3.2853, 3.3453**.

A 20% lighter version of the original color is **82.1732, 3.1481, 35.1967**, and **41.6811, 12.9879, 24.3483** is the 20% darker color. If you saturate the color by 10%, you get **59.3775, 18.0642, 33.0650**, and if you desaturate by 10%, it is **65.5155, 9.8808, 29.3544**.

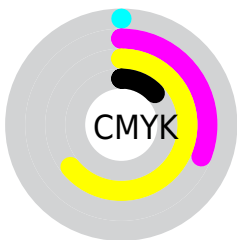
# Distribution



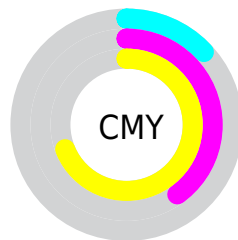
- Red (87%)
- Green (60%)
- Blue (31%)



- Red (83%)
- Yellow (87%)
- Blue (31%)



- Cyan (0%)
- Magenta (31%)
- Yellow (64%)
- Black (13%)



- Cyan (13%)
- Magenta (40%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.3511, 13.7771, 31.6277 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 62.3511, 13.7771, 31.6277 by changing the saturation by 10% instead.



62.3511, 13.7771,  
31.6277

62.3511, 13.7771,  
31.6277

184.7630, 14.0669,  
58.8269

51.6384, 13.4128,  
28.0490

85.7046, 14.2575,  
38.3152

41.6197, 12.9591,  
24.2671

98.2764, 14.3951,  
41.4743

32.3486, 12.3991,  
20.2414

111.4090, 14.4711,  
44.5364

23.8912, 11.7156,  
16.5484

125.0796, 14.4900,  
47.5164

16.3349, 10.8857,  
11.4344

139.2676, 14.4559,  
50.4263

9.8036, 9.8843,  
6.8625

153.9549, 14.3721,

0.0000, INF, NaN

53.2761

0.0000, NaN, NaN

169.1250, 14.2416,  
56.0740

0.0000, NaN, NaN

■ 62.3511, 13.7771,  
31.6277

■ 62.3511, 13.7771,  
31.6277

■ 59.3775, 18.0642,  
33.0650

■ 65.5155, 9.8808,  
29.3544

■ 56.6025, 22.7254,  
33.6427

■ 68.8531, 6.3915,  
26.2888

■ 54.0379, 27.7024,  
33.3870

■ 72.3524, 3.2992,  
22.4892

■ 52.6932, 30.5583,  
33.0043

■ 76.0011, 0.5886,  
18.0171

■ 79.7876, -1.7612,  
12.9330

■ 83.7015, -3.7733,  
7.2945

■ 87.7330, -5.4722,  
1.1546

■ 91.8170, -7.1922,  
-4.6408

■ 95.2637, -12.7361,  
-0.4037

# Harmonies

## Analogous

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



62.3527, 35.8298, 24.7765



62.3511, 13.7771, 31.6277



62.3527, -10.1484, 32.6552

# Triad

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



62.3527, 13.7739, 31.6284



62.3527, -41.9464, -3.6071



62.3527, 27.6035, -40.1227

# Complementary

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



62.3511, 13.7771, 31.6277



53.0232, -1.9013, -44.6353

# 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.



62.3527, 3.7939, -55.6616



62.3511, 13.7771, 31.6277



62.3527, -34.7138, -30.0168

# Square

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



62.3527, 13.7739, 31.6284



62.3527, -40.0912, 16.9630



62.3527, -18.7689, -51.4019



62.3527, 44.5994, -14.1361



# Rectangle

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



62.3511, 13.7771, 31.6277



62.3527, -23.6665, 30.4964



62.3527, -18.7689, -51.4019



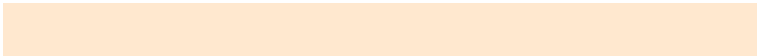
62.3527, 20.0007, -47.1088

# Sweetspot

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



62.3527, 13.7739, 31.6284



91.2385, -0.8101, 18.0330



48.2324, 57.2420, -3.7774



41.6227, -0.0019, 9.1258

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



62.3527, 13.7739, 31.6284



68.4148, 22.8273, 39.0118



82.4395, -20.9992, 45.1109



38.5591, -1.3215, 4.8134



40.8856, 22.9235, 25.5948



11.5663, 4.2887, 7.2022



# Inverse Universe

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



53.0232, -1.9013, -44.6353



55.7205, 2.7174, -66.2860



35.5423, 35.2681, -92.7624



37.8539, -2.6086, -0.8217



31.0043, 9.4844, -59.2268



9.1922, 0.5505, -12.6780



# Previews

## White Background



This preview shows how the HunterLab color 62.3511, 13.7771, 31.6277 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 62.3511, 13.7771, 31.6277 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 62.3511, 13.7771, 31.6277 Background



This preview shows how black text looks on a background with the HunterLab color 62.3511, 13.7771, 31.6277.



This preview shows how white text looks on a background with the HunterLab color 62.3511, 13.7771,



# 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

62.3511, 13.7771, 31.6277

### Protanopia

62.5176, -7.0396, 30.4453

### Deuteranopia

62.5199, 4.5735, 31.9461



## Tritanopia

62.1643, 27.8010, 9.2155

# Trichromacy



## Original Color

62.3511, 13.7771, 31.6277

## Protanomaly

62.4065, -0.0248, 30.8701

## Deuteranomaly

62.2978, 8.0902, 31.6695

## Tritanomaly

61.9736, 22.0674, 19.3650

# Monochromacy



## Original Color

62.3511, 13.7771, 31.6277

## Achromatopsia

61.3402, -3.2730, 3.3327

## Achromatomaly

61.3597, 1.1224, 16.0357

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 62.3511, 13.7771, 31.6277 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(222, 153, 79)` looks like.

```
.text, #text, p{  
    color:rgb(222, 153, 79)  
}
```

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(222, 153, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 153, 79) }
```

## Border

The CSS property to change the border of an element to HunterLab 62.3511, 13.7771, 31.6277 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(222, 153, 79) }
```



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

```
.border{ border-color:rgb(222, 153, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 153, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 153, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 153, 79);  
box-shadow:4px 4px 4px 4px rgb(222, 153,  
79) }
```

# Background

The CSS property to change the background color of an element to HunterLab 62.3511, 13.7771, 31.6277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 153, 79) }
```

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

```
.background{ background-color: rgb(222,  
153, 79) }
```

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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