

# Converting Colors

HunterLab(62.3805, 23.3117,  
33.5356)

Have a look what the booklet for  
HunterLab(62.3805, 23.3117,  
33.5356) contains.

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# Color

**HunterLab(62.4435, 23.0136,  
33.5344)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED9245
RGB	237, 146, 69
RGB Percent	93%, 57%, 27%
CMY	0.0706, 0.4274, 0.7294
CMYK	0.00, 0.38, 0.71, 0.07
HSL	28°, 82%, 60%
HSV	28°, 71%, 93%
XYZ	46.2781, 38.9919, 10.7173
YIQ	164.4310, 78.9530, -4.6550

# Conversions

## Conversions Part 2

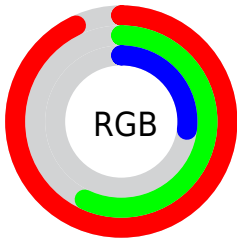
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 211, 69
Decimal	15569477
CIE <sub>Lab</sub>	68.75, 28.07, 53.77
CIE <sub>LCh</sub>	69, 60.655, 62.436
Yxy	38.9939, 0.4821, 0.4062
Android (android.graphics.Color)	4293759557 (0xFFED9245)
YUV	164.4310, -47.0475, 63.6430
Hunter-Lab	62.4435, 23.0136, 33.5344

# Details

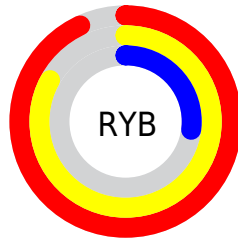
The HunterLab color **62.4435, 23.0136, 33.5344** is a light color, and the websafe version is hex **FF9933**. The color can be described as light muted orange. A complement of this color would be **57.0258, -4.9193, -48.2483**, and the grayscale version is **61.2719, -3.2693, 3.3290**.

A 20% lighter version of the original color is **79.9681, 5.9159, 35.9679**, and **41.7720, 21.2636, 25.4705** is the 20% darker color. If you saturate the color by 10%, you get **59.1759, 28.6075, 34.4466**, and if you desaturate by 10%, it is **65.9787, 17.8025, 31.7234**.

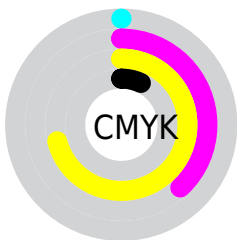
# Distribution



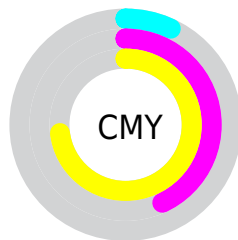
- Red (93%)
- Green (57%)
- Blue (27%)



- Red (93%)
- Yellow (83%)
- Blue (27%)



- Cyan (0%)
- Magenta (38%)
- Yellow (71%)
- Black (7%)



- Cyan (7%)
- Magenta (43%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.4435, 23.0136, 33.5344 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 62.4435, 23.0136, 33.5344 by changing the saturation by 10% instead.



62.4435, 23.0136,  
33.5344

62.4435, 23.0136,  
33.5344

184.8958, 26.5147,  
63.2446

51.7252, 22.2280,  
29.5987

85.8074, 24.2895,  
40.8797

41.7005, 21.3369,  
25.4415

98.3839, 24.8045,  
44.3419

32.4229, 20.3234,  
21.0296

111.5212, 25.2456,  
47.6921

23.9584, 19.1730,  
16.7708

125.1962, 25.6185,  
50.9466

16.3941, 17.8749,  
11.4758

139.3884, 25.9279,  
54.1189

9.8536, 16.4471,  
6.8975

154.0798, 26.1780,

0.0000, INF, NaN

57.2200

0.0000, NaN, NaN

169.2539, 26.3726,  
60.2593

0.0000, NaN, NaN

■ 62.4435, 23.0136,  
33.5344

■ 62.4435, 23.0136,  
33.5344

■ 59.1759, 28.6075,  
34.4466

■ 65.9787, 17.8025,  
31.7234

■ 56.1908, 34.5224,  
34.4490

■ 69.7554, 13.0207,  
29.0623

■ 53.7248, 40.0586,  
33.8062

■ 73.7542, 8.6733,  
25.6219

■ 77.9556, 4.7517,  
21.4779

■ 82.3412, 1.2365,  
16.7044

86.8949, -1.8979,  
11.3705

91.6018, -4.6800,  
5.5382

96.3277, -7.8072,  
0.9887

98.3587, -11.0932,  
3.3850

# Harmonies

## Analogous

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



62.4451, 47.7395, 24.7755



62.4435, 23.0136, 33.5344



62.4451, -5.5627, 35.6302

# Triad

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



62.4451, 23.0099, 33.5351



62.4451, -47.7986, 1.2273



62.4451, 27.5666, -55.5501

# Complementary

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



62.4435, 23.0136, 33.5344



57.0258, -4.9193, -48.2483

# 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.



62.4451, -1.0762, -70.4367



62.4435, 23.0136, 33.5344



62.4451, -41.9260, -29.9680

# Square

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



62.4451, 23.0099, 33.5351



62.4451, -43.5709, 22.4532



62.4451, -25.9277, -59.4922



62.4451, 50.6736, -24.5798



# Rectangle

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



62.4435, 23.0136, 33.5344



62.4451, -22.2274, 34.2746



62.4451, -25.9277, -59.4922



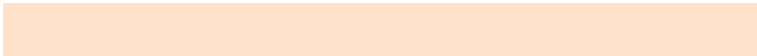
62.4451, 18.1097, -63.0854

# Sweetspot

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



62.4451, 23.0099, 33.5351



89.3804, 1.4153, 18.2609



49.8480, 68.6112, -8.4083



40.7319, 1.1260, 9.1417

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



62.4451, 23.0099, 33.5351



62.8206, 33.9117, 37.5528



86.1692, -18.4110, 48.9005



40.2388, -1.0639, 4.8572



40.0180, 28.8134, 25.1633



12.0327, 6.1682, 7.5225



# Inverse Universe

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



57.0258, -4.9193, -48.2483



55.9429, 0.0185, -65.7962



35.6986, 39.6439, -110.3763



39.8757, -3.0521, -0.6434



34.7639, 4.4713, -53.1041



10.6821, -0.3994, -12.4896



# Previews

## White Background



This preview shows how the HunterLab color 62.4435, 23.0136, 33.5344 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 62.4435, 23.0136, 33.5344 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 62.4435, 23.0136, 33.5344 Background



This preview shows how black text looks on a background with the HunterLab color 62.4435, 23.0136, 33.5344.



This preview shows how white text looks on a background with the HunterLab color 62.4435, 23.0136,



# 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

62.4435, 23.0136, 33.5344

### Protanopia

62.5235, -7.2078, 31.9166

### Deuteranopia

62.5129, 4.3034, 33.8523



## Tritanopia

62.3752, 36.5300, 12.4437

# Trichromacy



**Original Color**

62.4435, 23.0136, 33.5344

**Protanomaly**

62.1303, 3.1757, 32.3248

**Deuteranomaly**

62.3667, 10.8322, 33.7197

**Tritanomaly**

62.1396, 30.9858, 22.1802

# Monochromacy



**Original Color**

62.4435, 23.0136, 33.5344

**Achromatopsia**

60.9293, -3.2510, 3.3104

**Achromatomaly**

60.6426, 4.2712, 17.1369

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 62.4435, 23.0136, 33.5344 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(237, 146, 69)` looks like.

```
.text, #text, p{  
    color:rgb(237, 146, 69)  
}
```

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(237, 146, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 146, 69) }
```

## Border

The CSS property to change the border of an element to HunterLab 62.4435, 23.0136, 33.5344 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(237, 146, 69) }
```



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

```
.border{ border-color:rgb(237, 146, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 146, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 146, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 146, 69);  
box-shadow:4px 4px 4px 4px rgb(237, 146,  
69) }
```

# Background

The CSS property to change the background color of an element to HunterLab 62.4435, 23.0136, 33.5344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 146, 69) }
```

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

```
.background{ background-color: rgb(237,  
146, 69) }
```

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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