

# Converting Colors

HunterLab(64.4928, 18.7489,  
35.0551)

Have a look what the booklet for  
HunterLab(64.4928, 18.7489,  
35.0551) contains.

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# Color

**HunterLab(64.4462, 18.8491,  
35.0101)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED9A44
RGB	237, 154, 68
RGB Percent	93%, 60%, 27%
CMY	0.0706, 0.3961, 0.7333
CMYK	0.00, 0.35, 0.71, 0.07
HSL	31°, 82%, 60%
HSV	31°, 71%, 93%
XYZ	47.5241, 41.5331, 10.9808
YIQ	169.0130, 77.0740, -9.1500

# Conversions

## Conversions Part 2

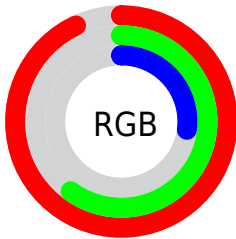
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 237, 68
Decimal	15571524
CIE <sub>Lab</sub>	70.55, 23.80, 56.13
CIE <sub>LCh</sub>	71, 60.963, 67.024
Yxy	41.5352, 0.4751, 0.4152
Android (android.graphics.Color)	4293761604 (0xFFED9A44)
YUV	169.0130, -49.7994, 59.6246
Hunter-Lab	64.4462, 18.8491, 35.0101

# Details

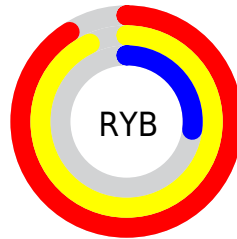
The HunterLab color **64.4462, 18.8491, 35.0101** is a light color, and the websafe version is hex **FF9933**. The color can be described as light muted orange. A complement of this color would be **54.2911, -0.5303, -54.0529**, and the grayscale version is **63.1720, -3.3707, 3.4323**.

A 20% lighter version of the original color is **82.5936, 1.1913, 38.1589**, and **43.5345, 17.3382, 26.7382** is the 20% darker color. If you saturate the color by 10%, you get **61.3549, 23.8764, 35.8930**, and if you desaturate by 10%, it is **67.7611, 14.2253, 33.2032**.

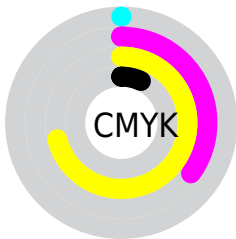
# Distribution



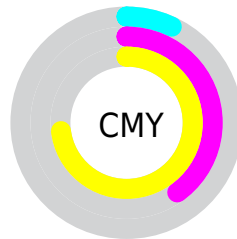
- Red (93%)
- Green (60%)
- Blue (27%)



- Red (91%)
- Yellow (93%)
- Blue (27%)



- Cyan (0%)
- Magenta (35%)
- Yellow (71%)
- Black (7%)



- Cyan (7%)
- Magenta (40%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.4462, 18.8491, 35.0101 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 64.4462, 18.8491, 35.0101 by changing the saturation by 10% instead.



64.4462, 18.8491,  
35.0101

64.4462, 18.8491,  
35.0101

187.7639, 20.8009,  
65.6683

53.6074, 18.2688,  
30.9551

88.0317, 19.7386,  
42.5874

43.4539, 17.5917,  
26.6782

100.7112, 20.0710,  
46.1611

34.0372, 16.8008,  
22.1472

113.9469, 20.3359,  
49.6197

25.4204, 15.8798,  
17.7943

127.7166, 20.5382,  
52.9794

17.6861, 14.8104,  
12.3803

142.0001, 20.6823,  
56.2537

10.9495, 13.5813,  
7.6646

156.7797, 20.7721,

2.4660, 41.9185,

59.4539

1.7262

172.0391, 20.8106,  
62.5894

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.4462, 18.8491,  
35.0101

■ 64.4462, 18.8491,  
35.0101

■ 61.3549, 23.8764,  
35.8930

■ 67.7611, 14.2253,  
33.2032

■ 58.4953, 29.2654,  
35.8572

■ 71.2799, 10.0392,  
30.5055


■ 56.2004, 34.1419,  
35.2281


■ 74.9891, 6.2903,  
26.9745


■ 78.8740, 2.9680,  
22.6766


■ 82.9207, 0.0533,

17.6798

 87.1165, -2.4776,  
12.0503

 91.4496, -4.6512,  
5.8494

 95.8216, -6.9780,  
0.3837

 98.3587, -11.0931,  
3.3851

# Harmonies

## Analogous

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



64.4478, 45.1813, 27.2788



64.4462, 18.8491, 35.0101



64.4478, -9.8667, 36.3704

# Triad

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



64.4478, 18.8455, 35.0108



64.4478, -48.4820, -3.0438



64.4478, 32.1155, -51.9263

# Complementary

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



64.4462, 18.8491, 35.0101



54.2911, -0.5303, -54.0529

# 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.



64.4478, 3.2442, -70.3960



64.4462, 18.8491, 35.0101



64.4478, -40.8984, -35.3693

# Square

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



64.4478, 18.8455, 35.0108



64.4478, -45.7412, 20.4074



64.4478, -23.0604, -63.3107



64.4478, 53.7068, -19.7400



# Rectangle

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



64.4462, 18.8491, 35.0101



64.4478, -26.0341, 34.4068



64.4478, -23.0604, -63.3107



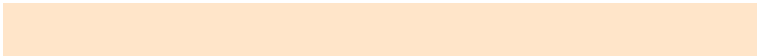
64.4478, 22.7664, -60.4541

# Sweetspot

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



64.4478, 18.8455, 35.0108



90.2065, -0.0080, 19.0824



49.4191, 67.7503, -4.2600



41.1614, 0.3814, 9.5600

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



64.4478, 18.8455, 35.0108



65.0750, 28.8498, 39.1051



88.8762, -22.4715, 50.7231



40.3997, -1.3351, 5.0309



41.8426, 24.4960, 26.2121



12.5194, 5.1100, 7.8039



# Inverse Universe

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



54.2911, -0.5303, -54.0529



52.3008, 6.2516, -74.9136



33.8792, 44.7019, -118.5549



39.7120, -2.7833, -0.8433



32.3548, 9.0896, -60.0626



10.0707, 0.6568, -14.0054



# Previews

## White Background



This preview shows how the HunterLab color 64.4462, 18.8491, 35.0101 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 64.4462, 18.8491, 35.0101 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

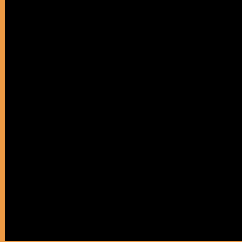
Any Text WCAG AA ✓ Pass

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 64.4462, 18.8491, 35.0101 Background



This preview shows how black text looks on a background with the HunterLab color 64.4462, 18.8491, 35.0101.



This preview shows how white text looks on a background with the HunterLab color 64.4462, 18.8491,



# 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

64.4462, 18.8491, 35.0101

### Protanopia

64.4888, -7.9017, 33.6431

### Deuteranopia

64.4449, 5.0724, 35.1985



## Tritanopia

64.4163, 33.1936, 11.7316

# Trichromacy



## Original Color

64.4462, 18.8491, 35.0101

## Protanomaly

64.1484, 1.3217, 33.8845

## Deuteranomaly

64.3290, 10.3328, 35.0696

## Tritanomaly

64.1367, 27.1957, 22.6740

# Monochromacy



## Original Color

64.4462, 18.8491, 35.0101

## Achromatopsia

62.9885, -3.3609, 3.4223

## Achromatomaly

62.9970, 2.2113, 18.3119

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 64.4462, 18.8491, 35.0101 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, 154, 68)` looks like.

```
.text, #text, p{  
    color:rgb(237, 154, 68)  
}
```

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, 154, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 154, 68) }
```

## Border

The CSS property to change the border of an element to HunterLab 64.4462, 18.8491, 35.0101 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, 154, 68) }
```



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

```
.border{ border-color:rgb(237, 154, 68) }
```

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

Here you see how a box with a 4 pixel rgb(237, 154, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 154, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 154, 68);  
box-shadow:4px 4px 4px 4px rgb(237, 154,  
68) }
```

# Background

The CSS property to change the background color of an element to HunterLab 64.4462, 18.8491, 35.0101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 154, 68) }
```

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

```
.background{ background-color: rgb(237,  
154, 68) }
```

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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