

Converting Colors

HunterLab(64.3757, 17.5921,
35.7318)

Have a look what the booklet for
HunterLab(64.3757, 17.5921,
35.7318) contains.

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Color

**HunterLab(64.3837, 17.2222,
35.7776)**

Conversions

Conversions Part 1

Format	Color
Hex	EB9B3E
RGB	235, 155, 62
RGB Percent	92%, 61%, 24%
CMY	0.0784, 0.3921, 0.7569
CMYK	0.00, 0.34, 0.74, 0.08
HSL	32°, 81%, 58%
HSV	32°, 74%, 92%
XYZ	46.8517, 41.4526, 10.0892
YIQ	168.3180, 77.5330, -11.9630

Conversions

Conversions Part 2

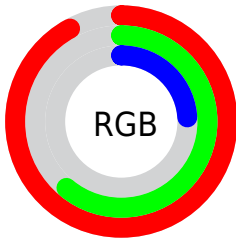
Format	Color
R _Y B	211, 235, 62
Decimal	15440702
CIE Lab	70.49, 22.16, 58.62
CIE LCh	70, 62.669, 69.294
Yxy	41.4547, 0.4762, 0.4213
Android (android.graphics.Color)	4293630782 (0xFFEB9B3E)
YUV	168.3180, -52.4148, 58.4801
Hunter-Lab	64.3837, 17.2222, 35.7776

Details

The HunterLab color **64.3837, 17.2222, 35.7776** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **51.3487, 2.7963, -59.0621**, and the grayscale version is **62.8951, -3.3559, 3.4172**.

A 20% lighter version of the original color is **82.8197, 0.2910, 39.4267**, and **43.4733, 15.9194, 27.0668** is the 20% darker color. If you saturate the color by 10%, you get **61.4771, 21.9506, 36.4564**, and if you desaturate by 10%, it is **67.4923, 12.8920, 34.1720**.

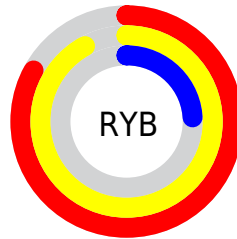
Distribution



Red (92%)

Green (61%)

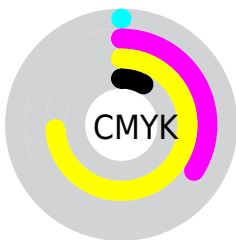
Blue (24%)



Red (83%)

Yellow (92%)

Blue (24%)

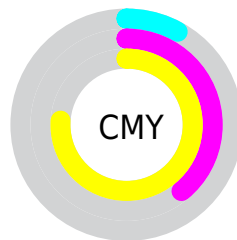


Cyan (0%)

Magenta (34%)

Yellow (74%)

Black (8%)



Cyan (8%)


Magenta (39%)


Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.3837, 17.2222, 35.7776 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 64.3837, 17.2222, 35.7776 by changing the saturation by 10% instead.


 64.3837, 17.2222,
35.7776


 64.3837, 17.2222,
35.7776


187.6746, 18.6167,
67.6131

 53.5486, 16.7149,
31.5579


 87.9623, 17.9737,
43.6610


 43.3991, 16.1136,
27.1100

 100.6386, 18.2407,
47.3767


 33.9867, 15.4014,
22.4253


 113.8714, 18.4422,
50.9704

 25.3746, 14.5617,
17.7622

 127.6381, 18.5831,
54.4592

 17.6455, 13.5747,
12.3518

 141.9188, 18.6676,
57.8569

 10.9149, 12.4234,
7.6404

156.6956, 18.6994,

 2.3370, 41.1903,

61.1755

1.6359

171.9524, 18.6815,
64.4247

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.3837, 17.2222,
35.7776

■ 64.3837, 17.2222,
35.7776

■ 61.4771, 21.9506,
36.4564

■ 67.4923, 12.8920,
34.1720

■ 58.7765, 27.0368,
36.2351

■ 70.7866, 8.9942,
31.6570


■ 57.1577, 30.4025,
35.7526


■ 74.2562, 5.5298,
28.2788


■ 77.8887, 2.4905,
24.0953


■ 81.6724, -0.1405,

19.1699

 85.5964, -2.3849,
13.5657

 89.6503, -4.2671,
7.3432

 93.8247, -5.8122,
0.5588

 97.4721, -10.5692,
2.3291

Harmonies

Analogous

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



64.3853, 44.9793, 28.6424



64.3837, 17.2222, 35.7776



64.3853, -12.0961, 36.7366

Triad

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



64.3853, 17.2186, 35.7783



64.3853, -49.2825, -5.5458



64.3853, 35.2931, -51.6690

Complementary

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



64.3837, 17.2222, 35.7776



51.3487, 2.7963, -59.0621

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.



64.3853, 5.7014, -72.6218



64.3837, 17.2222, 35.7776



64.3853, -40.7651, -39.2975

Square

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



64.3853, 17.2186, 35.7783



64.3853, -47.2896, 19.4160



64.3853, -21.7812, -67.3063



64.3853, 56.6163, -17.9126

Rectangle

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



64.3837, 17.2222, 35.7776



64.3853, -28.2362, 34.5024



64.3853, -21.7812, -67.3063



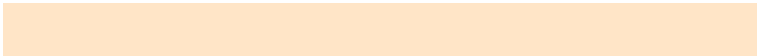
64.3853, 25.7922, -60.9921

Sweetspot

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



64.3853, 17.2186, 35.7783



90.2499, -0.5547, 20.1448



48.0445, 67.9574, -1.1446



41.2204, 0.0790, 10.0507

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.3853, 17.2186, 35.7783



66.0053, 26.7037, 39.9999



87.4416, -24.4883, 50.3620



40.4913, -1.4889, 5.1295



42.9429, 22.0054, 26.8465



12.8074, 4.5068, 7.9707

Inverse Universe

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



51.3487, 2.7963, -59.0621



49.6542, 10.8072, -82.1813



32.6563, 47.1755, -121.7498



39.6193, -2.6305, -0.9569



31.0403, 11.7768, -64.2204



9.7326, 1.2696, -14.9056

Previews

White Background



This preview shows how the HunterLab color 64.3837, 17.2222, 35.7776 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 64.3837, 17.2222, 35.7776 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 64.3837, 17.2222, 35.7776 Background



This preview shows how black text looks on a background with the HunterLab color 64.3837, 17.2222, 35.7776.



This preview shows how white text looks on a background with the HunterLab color 64.3837, 17.2222, 35.7776.

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

64.3837, 17.2222, 35.7776

Protanopia

64.5212, -7.9249, 34.7393

Deuteranopia

64.3938, 4.7989, 35.9534



Tritanopia

64.3054, 32.9232, 11.2017

Trichromacy



Original Color

64.3837, 17.2222, 35.7776

Protanomaly

64.0812, 0.9581, 34.8762

Deuteranomaly

64.4236, 9.1482, 35.9233

Tritanomaly

64.2268, 26.1663, 23.0372

Monochromacy



Original Color

64.3837, 17.2222, 35.7776

Achromatopsia

62.5758, -3.3389, 3.3999

Achromatomaly

62.4386, 1.6480, 18.7817

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.3837, 17.2222, 35.7776 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(235, 155, 62)` looks like.

```
.text, #text, p{  
    color:rgb(235, 155, 62)  
}
```

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(235, 155, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 155, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 64.3837, 17.2222, 35.7776 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(235, 155, 62) }
```


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

```
.border{ border-color:rgb(235, 155, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 155, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 155, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 155, 62);  
box-shadow:4px 4px 4px 4px rgb(235, 155,  
62) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.3837, 17.2222, 35.7776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 155, 62) }
```

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

```
.background{ background-color: rgb(235,  
155, 62) }
```

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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