

Converting Colors

HunterLab(60.7655, 18.6181,
37.1812)

Have a look what the booklet for
HunterLab(60.7655, 18.6181,
37.1812) contains.

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Color

**HunterLab(60.7913, 18.5715,
37.1836)**

Conversions

Conversions Part 1	
Format	Color
Hex	E59113
RGB	229, 145, 19
RGB Percent	90%, 57%, 7%
CMY	0.1020, 0.4313, 0.9255
CMYK	0.00, 0.37, 0.92, 0.10
HSL	36°, 85%, 49%
HSV	36°, 92%, 90%
XYZ	42.5560, 36.9558, 5.5063
YIQ	155.7520, 90.5100, -21.3780

Conversions

Conversions Part 2

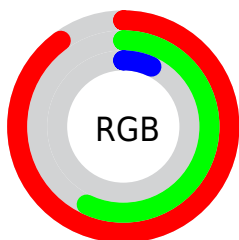
Format	Color
RYB	159, 229, 19
Decimal	15044883
CIELab	67.25, 23.70, 69.56
CIELCh	67, 73.489, 71.188
Yxy	36.9577, 0.5005, 0.4347
Android (android.graphics.Color)	4293234963 (0xFFE59113)
YUV	155.7520, -67.4187, 64.2385
Hunter-Lab	60.7913, 18.5715, 37.1836

Details

The HunterLab color **60.7913, 18.5715, 37.1836** 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 **39.3650, 18.4529, -87.0694**, and the grayscale version is **57.7988, -3.0840, 3.1403**.

A 20% lighter version of the original color is **79.1839, 3.7807, 43.0301**, and **40.2752, 17.8885, 25.1305** is the 20% darker color. If you saturate the color by 10%, you get **58.8764, 22.2272, 36.6685**, and if you desaturate by 10%, it is **63.2380, 14.4120, 37.1737**.

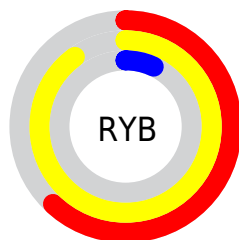
Distribution



Red (90%)

Green (57%)

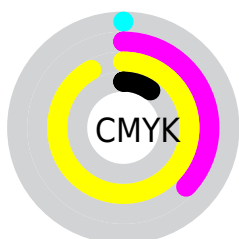
Blue (7%)



Red (62%)

Yellow (90%)

Blue (7%)

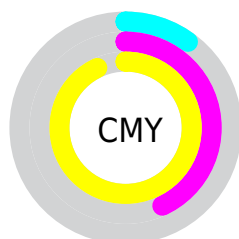


Cyan (0%)

Magenta (37%)

Yellow (92%)

Black (10%)



Cyan (10%)
















Magenta (43%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.7913, 18.5715, 37.1836 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 60.7913, 18.5715, 37.1836 by changing the saturation by 10% instead.

 60.7913, 18.5715, 37.1836	 60.7913, 18.5715, 37.1836
 182.5178, 20.6776, 74.5734	 50.1745, 17.9638, 32.1871
 83.9689, 19.5069, 46.5216	 40.2583, 17.2554, 26.9562
 96.4591, 19.8590, 50.9110	 31.0982, 16.4282, 21.7687
 109.5137, 20.1416, 55.1447	 22.7626, 15.4652, 15.9338
 123.1093, 20.3603, 59.2424	 15.3429, 14.3482, 10.7401
 137.2251, 20.5196, 63.2208	 8.9560, 13.1469, 6.2692
 151.8427, 20.6234,	0.0000, INF, NaN

67.0942

0.0000, NaN, NaN

166.9453, 20.6751,
70.8749

0.0000, NaN, NaN

■ 60.7913, 18.5715,
37.1836

■ 60.7913, 18.5715,
37.1836

■ 58.8764, 22.2272,
36.6685

■ 63.2380, 14.4120,
37.1737

■ 65.8388, 10.6250,
36.2784

■ 68.5913, 7.2399,
34.4668

■ 71.4895, 4.2706,
31.7476

■ 74.5262, 1.7177,
28.1528

■ 77.6941, -0.4276,
23.7272

■ 80.9854, -2.1800,
18.5228

■ 84.3928, -3.5581,
12.5938

■ 87.9092, -4.5825,
5.9942

Harmonies

Analogous

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



60.7929, 52.1728, 31.1269



60.7913, 18.5715, 37.1836



60.7929, -15.0608, 37.7165

Triad

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



60.7929, 18.5679, 37.1842



60.7929, -53.7612, -9.5882



60.7929, 44.3675, -61.7851

Complementary

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



60.7913, 18.5715, 37.1836



39.3650, 18.4529, -87.0694

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.



60.7929, 9.5441, -90.5088



60.7913, 18.5715, 37.1836



60.7929, -43.9654, -51.2807

Square

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



60.7929, 18.5679, 37.1842



60.7929, -52.3562, 19.7158



60.7929, -22.3626, -85.8811



60.7929, 69.1216, -19.5170

Rectangle

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



60.7913, 18.5715, 37.1836



60.7929, -32.7067, 35.5896



60.7929, -22.3626, -85.8811



60.7929, 33.1739, -74.1509

Sweetspot

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



60.7929, 18.5679, 37.1842



89.0713, -1.2325, 24.8246



42.5479, 72.3516, 9.6018



40.4717, -0.1408, 12.6033

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



60.7929, 18.5679, 37.1842



66.3658, 25.4212, 41.3393



83.3638, -29.9414, 50.4058



39.7482, -1.7817, 5.2127



44.7898, 16.2427, 27.8836



12.8960, 2.9678, 7.9984

Inverse Universe

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



39.3650, 18.4529, -87.0694



40.8922, 27.9675, -111.4855



25.6404, 61.3019, -154.5386



38.5078, -2.2445, -1.1682



27.9133, 17.4319, -72.5198



8.6806, 2.3863, -16.0012

Previews

White Background



This preview shows how the HunterLab color 60.7913, 18.5715, 37.1836 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 60.7913, 18.5715, 37.1836 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 60.7913, 18.5715, 37.1836 Background



This preview shows how black text looks on a background with the HunterLab color 60.7913, 18.5715, 37.1836.



This preview shows how white text looks on a background with the HunterLab color 60.7913, 18.5715,

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

60.7913, 18.5715, 37.1836

Protanopia

61.0694, -8.5503, 36.5881

Tritanopia

60.8559, 34.3985, 12.0026

Trichromacy



Original Color

60.7913, 18.5715, 37.1836

Protanomaly

60.7726, 0.7637, 36.6703

Tritanomaly

60.5720, 26.8719, 26.2401

Monochromacy



Original Color

60.7913, 18.5715, 37.1836

Achromatopsia

57.6586, -3.0765, 3.1327

Achromatomaly

57.9348, 1.3925, 21.7689

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.7913, 18.5715, 37.1836 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(229, 145, 19)` looks like.

```
.text, #text, p{  
    color:rgb(229, 145, 19)  
}
```

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(229, 145, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 145, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 60.7913, 18.5715, 37.1836 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(229, 145, 19) }
```

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

```
.border{ border-color:rgb(229, 145, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 145, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 145, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 145, 19);  
box-shadow:4px 4px 4px 4px rgb(229, 145,  
19) }
```


Background

The CSS property to change the background color of an element to HunterLab 60.7913, 18.5715, 37.1836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 145, 19) }
```

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

```
.background{ background-color: rgb(229,  
145, 19) }
```

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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