

Converting Colors

HunterLab(63.1097, 26.8609,
38.3782)

Have a look what the booklet for
HunterLab(63.1097, 26.8609,
38.3782) contains.

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Color

**HunterLab(63.0871, 26.9062,
38.3705)**

Conversions

Conversions Part 1

Format	Color
Hex	F7901B
RGB	247, 144, 27
RGB Percent	97%, 56%, 11%
CMY	0.0314, 0.4353, 0.8941
CMYK	0.00, 0.42, 0.89, 0.03
HSL	32°, 93%, 54%
HSV	32°, 89%, 97%
XYZ	48.5289, 39.7998, 6.1613
YIQ	161.4590, 98.9450, -14.5510

Conversions

Conversions Part 2

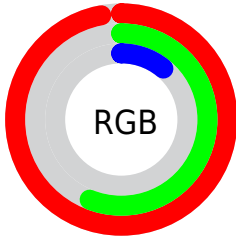
Format	Color
RYB	221, 247, 27
Decimal	16224283
CIELab	69.33, 31.84, 70.33
CIElCh	69, 77.202, 65.645
Yxy	39.8019, 0.5136, 0.4212
Android (android.graphics.Color)	4294414363 (0xFFFF7901B)
YUV	161.4590, -66.2883, 75.0195
Hunter-Lab	63.0871, 26.9062, 38.3705

Details

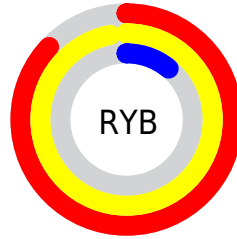
The HunterLab color **63.0871, 26.9062, 38.3705** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **47.8676, 10.2885, -79.3168**, and the grayscale version is **60.1231, -3.2080, 3.2666**.

A 20% lighter version of the original color is **78.9431, 4.5578, 42.1118**, and **42.4488, 25.2967, 26.5996** is the 20% darker color. If you saturate the color by 10%, you get **60.3343, 32.5236, 37.6820**, and if you desaturate by 10%, it is **66.0700, 21.5884, 38.2056**.

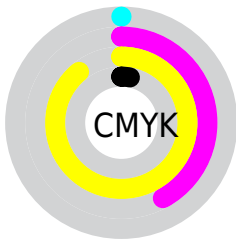
Distribution



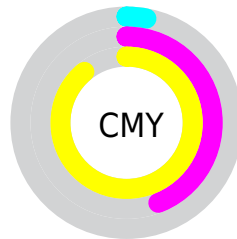
- Red (97%)
- Green (56%)
- Blue (11%)



- Red (87%)
- Yellow (97%)
- Blue (11%)



- Cyan (0%)
- Magenta (42%)
- Yellow (89%)
- Black (3%)



- Cyan (3%)
- Magenta (44%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.0871, 26.9062, 38.3705 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 63.0871, 26.9062, 38.3705 by changing the saturation by 10% instead.

63.0871, 26.9062,
38.3705

63.0871, 26.9062,
38.3705

185.8193, 31.6215,
75.8742

52.3299, 25.9663,
33.3752

86.5227, 28.4775,
47.7176

42.2634, 24.9177,
28.1389

99.1326, 29.1343,
52.1165

32.9407, 23.7444,
23.0585

112.3017, 29.7133,
56.3623

24.4268, 22.4352,
17.0987

126.0073, 30.2205,
60.4741

16.8072, 20.9878,
11.7650

140.2290, 30.6607,
64.4682

10.2028, 19.4448,
7.1420

154.9489, 31.0385,

0.0000, INF, NaN

68.3585

0.0000, NaN, NaN

170.1506, 31.3576,
72.1571

0.0000, NaN, NaN

■ 63.0871, 26.9062,
38.3705

■ 63.0871, 26.9062,
38.3705

■ 60.3343, 32.5236,
37.6820

■ 66.0700, 21.5884,
38.2056

■ 60.0871, 33.0521,
37.6040

■ 69.2735, 16.6773,
37.0624

■ 72.6876, 12.2106,
34.9387

■ 76.2991, 8.2042,
31.8714

■ 80.0945, 4.6564,
27.9177

■ 84.0603, 1.5539,
23.1438

■ 88.1839, -1.1242,
17.6185

■ 92.4537, -3.4028,
11.4087

■ 96.8586, -5.3088,
4.5773

Harmonies

Analogous

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



63.0888, 61.2789, 30.5373



63.0871, 26.9062, 38.3705



63.0888, -9.8633, 39.7201

Triad

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



63.0888, 26.9021, 38.3712



63.0888, -57.4092, -3.2035



63.0888, 40.9099, -74.0494

Complementary

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



63.0871, 26.9062, 38.3705



47.8676, 10.2885, -79.3168

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.



63.0888, 3.3977, -99.4939



63.0871, 26.9062, 38.3705



63.0888, -49.3316, -46.5222

Square

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



63.0888, 26.9021, 38.3712



63.0888, -53.7798, 24.5664



63.0888, -28.8291, -87.3515



63.0888, 70.5242, -29.1427

Rectangle

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



63.0871, 26.9062, 38.3705



63.0888, -29.9707, 38.2035



63.0888, -28.8291, -87.3515



63.0888, 28.5314, -86.0239

Sweetspot

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



63.0888, 26.9021, 38.3712



88.0129, 1.0154, 22.9005



47.1815, 80.1372, 2.4376



40.0540, 0.9412, 11.4453

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.0888, 26.9021, 38.3712



62.2586, 34.3744, 38.9652



92.5819, -26.0244, 55.9286



42.3578, -1.5221, 5.3613



44.0250, 23.2982, 27.5359



13.8174, 5.2477, 8.6061

Inverse Universe

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



47.8676, 10.2885, -79.3168



45.2818, 18.0931, -95.6561



27.9029, 64.6283, -168.6525



41.4799, -2.7872, -0.9932



32.2365, 11.6886, -65.5252



10.5696, 1.4797, -16.4054

Previews

White Background



This preview shows how the HunterLab color 63.0871, 26.9062, 38.3705 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 63.0871, 26.9062, 38.3705 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 63.0871, 26.9062, 38.3705 Background



This preview shows how black text looks on a background with the HunterLab color 63.0871, 26.9062, 38.3705.



This preview shows how white text looks on a background with the HunterLab color 63.0871, 26.9062,

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

63.0871, 26.9062, 38.3705

Protanopia

63.1991, -8.4982, 37.3745

Deuteranopia

63.2060, 4.6187, 38.8665



Tritanopia

63.0549, 41.6827, 14.7738

Trichromacy



Original Color

63.0871, 26.9062, 38.3705

Protanomaly

62.7993, 3.3878, 37.5321

Deuteranomaly

63.0914, 12.6024, 38.7068

Tritanomaly

62.8017, 34.6604, 27.6814

Monochromacy



Original Color

63.0871, 26.9062, 38.3705

Achromatopsia

59.6993, -3.1854, 3.2436

Achromatomaly

59.8490, 3.7804, 21.7588

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.0871, 26.9062, 38.3705 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(247, 144, 27)` looks like.

```
.text, #text, p{  
    color:rgb(247, 144, 27)  
}
```

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(247, 144, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 144, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 63.0871, 26.9062, 38.3705 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(247, 144, 27) }
```


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

```
.border{ border-color:rgb(247, 144, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 144, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 144, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 144, 27);  
box-shadow:4px 4px 4px 4px rgb(247, 144,  
27) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.0871, 26.9062, 38.3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 144, 27) }
```

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

```
.background{ background-color: rgb(247,  
144, 27) }
```

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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