

Converting Colors

HunterLab(63.7907, 24.0249,
34.3035)

Have a look what the booklet for
HunterLab(63.7907, 24.0249,
34.3035) contains.

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Color

**HunterLab(63.6390, 24.1450,
34.2384)**

Conversions

Conversions Part 1

Format	Color
Hex	F29446
RGB	242, 148, 70
RGB Percent	95%, 58%, 27%
CMY	0.0510, 0.4196, 0.7255
CMYK	0.00, 0.39, 0.71, 0.05
HSL	27°, 87%, 61%
HSV	27°, 71%, 95%
XYZ	48.3133, 40.4992, 11.0651
YIQ	167.2140, 81.0620, -4.3300

Conversions

Conversions Part 2

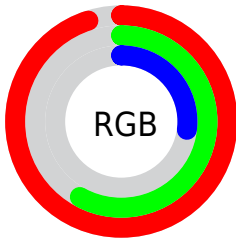
Format	Color
RYB	242, 213, 70
Decimal	15897670
CIELab	69.83, 29.10, 54.64
CIElCh	70, 61.908, 61.959
Yxy	40.5013, 0.4837, 0.4055
Android (android.graphics.Color)	4294087750 (0xFFFF29446)
YUV	167.2140, -47.9265, 65.5873
Hunter-Lab	63.6390, 24.1450, 34.2384

Details

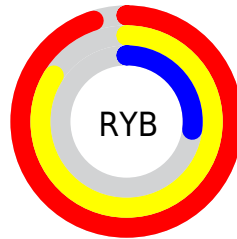
The HunterLab color **63.6390, 24.1450, 34.2384** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **58.5337, -5.3756, -49.1152**, and the grayscale version is **62.4207, -3.3306, 3.3914**.

A 20% lighter version of the original color is **80.8561, 4.4454, 36.3996**, and **42.9075, 22.3594, 26.1535** is the 20% darker color. If you saturate the color by 10%, you get **60.2827, 29.9453, 35.1480**, and if you desaturate by 10%, it is **67.2753, 18.7330, 32.4080**.

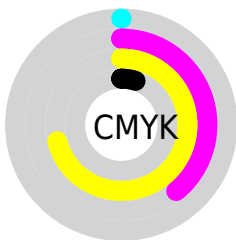
Distribution



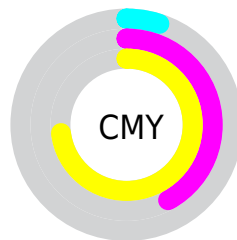
- Red (95%)
- Green (58%)
- Blue (27%)



- Red (95%)
- Yellow (84%)
- Blue (27%)



- Cyan (0%)
- Magenta (39%)
- Yellow (71%)
- Black (5%)



- Cyan (5%)
- Magenta (42%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.6390, 24.1450, 34.2384 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 63.6390, 24.1450, 34.2384 by changing the saturation by 10% instead.

63.6390, 24.1450,
34.2384

63.6390, 24.1450,
34.2384

186.6098, 27.9256,
64.2636

52.8485, 23.3259,
30.2667

87.1357, 25.4866,
41.6569

42.7465, 22.4014,
26.0748

99.7739, 26.0338,
45.1554

33.3855, 21.3550,
21.6285

112.9702, 26.5066,
48.5415

24.8295, 20.1728,
17.3807

126.7019, 26.9105,
51.8313

17.1630, 18.8453,
12.0141

140.9488, 27.2504,
55.0382

10.5045, 17.3908,
7.3532

155.6930, 27.5305,

0.0000, INF, NaN

58.1733

0.0000, NaN, NaN

170.9183, 27.7545,
61.2458

0.0000, NaN, NaN

■ 63.6390, 24.1450,
34.2384

■ 63.6390, 24.1450,
34.2384

■ 60.2827, 29.9453,
35.1480

■ 67.2753, 18.7330,
32.4080

■ 57.2225, 36.0662,
35.1258


■ 71.1642, 13.7595,
29.7076


■ 54.7500, 41.6633,
34.4661


■ 75.2851, 9.2314,
26.2108


■ 79.6173, 5.1406,
21.9961

■ 84.1415, 1.4674,
17.1404

 88.8405, -1.8146,
11.7150

 93.6990, -4.7347,
5.7839

 98.4158, -8.9055,
3.4916

 98.8014, -9.5308,
3.9407

Harmonies

Analogous

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



63.6406, 49.4305, 25.1602



63.6390, 24.1450, 34.2384



63.6406, -5.2414, 36.4545

Triad

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



63.6406, 24.1412, 34.2391



63.6406, -49.0186, 1.6762



63.6406, 27.9097, -57.6522

Complementary

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



63.6390, 24.1450, 34.2384



58.5337, -5.3756, -49.1152

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.



63.6406, -1.5356, -72.6228



63.6390, 24.1450, 34.2384



63.6406, -43.1689, -30.3204

Square

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



63.6406, 24.1412, 34.2391



63.6406, -44.5239, 23.2502



63.6406, -26.9299, -60.9224



63.6406, 51.8590, -25.8574

Rectangle

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



63.6390, 24.1450, 34.2384



63.6406, -22.4272, 35.1320



63.6406, -26.9299, -60.9224



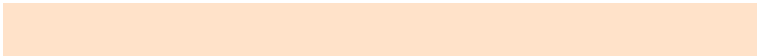
63.6406, 18.1659, -65.3174

Sweetspot

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



63.6406, 24.1412, 34.2391



89.3015, 1.5519, 18.1821



50.9508, 70.4615, -8.5730



40.6909, 1.1975, 9.1016

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.6406, 24.1412, 34.2391



62.5824, 34.4502, 37.4087



88.2177, -18.8627, 50.1345



41.1578, -1.0592, 4.9592



40.4579, 29.7266, 25.4504



12.4819, 6.6673, 7.8080

Inverse Universe

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



58.5337, -5.3756, -49.1152



56.2574, -0.5196, -65.0512



36.3973, 40.8634, -113.6961



40.8172, -3.1514, -0.6457



35.5279, 4.1411, -53.3461



11.1744, -0.4288, -13.0413

Previews

White Background



This preview shows how the HunterLab color 63.6390, 24.1450, 34.2384 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 63.6390, 24.1450, 34.2384 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 63.6390, 24.1450, 34.2384 Background



This preview shows how black text looks on a background with the HunterLab color 63.6390, 24.1450, 34.2384.



This preview shows how white text looks on a background with the HunterLab color 63.6390, 24.1450,

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

63.6390, 24.1450, 34.2384

Protanopia

63.7250, -7.4926, 32.6034

Deuteranopia

63.8231, 4.4356, 34.6170



Tritanopia

63.5936, 37.7442, 12.9453

Trichromacy



Original Color

63.6390, 24.1450, 34.2384

Protanomaly

63.4382, 3.2997, 33.0932

Deuteranomaly

63.8015, 11.3934, 34.5789

Tritanomaly

63.3553, 32.1990, 22.6745

Monochromacy



Original Color

63.6390, 24.1450, 34.2384

Achromatopsia

62.1634, -3.3169, 3.3775

Achromatomaly

61.8683, 4.2049, 17.2765

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.6390, 24.1450, 34.2384 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(242, 148, 70)` looks like.

```
.text, #text, p{  
    color:rgb(242, 148, 70)  
}
```

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(242, 148, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 148, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 63.6390, 24.1450, 34.2384 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(242, 148, 70) }
```


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

```
.border{ border-color:rgb(242, 148, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 148, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 148, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 148, 70);  
box-shadow:4px 4px 4px 4px rgb(242, 148,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.6390, 24.1450, 34.2384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 148, 70) }
```

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

```
.background{ background-color: rgb(242,  
148, 70) }
```

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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