

# Converting Colors

HunterLab(62.4959, 26.2400,  
38.9691)

Have a look what the booklet for  
HunterLab(62.4959, 26.2400,  
38.9691) contains.

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# Color

**HunterLab(62.4959, 26.2400,  
38.9691)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F58F00
RGB	245, 143, 0
RGB Percent	96%, 56%, 0%
CMY	0.0392, 0.4392, 1.0000
CMYK	0.00, 0.42, 1.00, 0.04
HSL	35°, 100%, 48%
HSV	35°, 100%, 96%
XYZ	47.4786, 39.0574, 5.0364
YIQ	157.1960, 106.6950, -22.8490

# Conversions

## Conversions Part 2

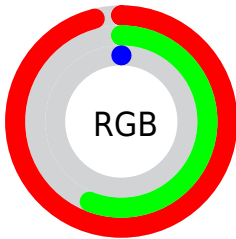
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 245, 0
Decimal	16092928
CIE <sub>Lab</sub>	68.79, 31.23, 74.40
CIE <sub>LCh</sub>	69, 80.691, 67.226
Yxy	39.0594, 0.5185, 0.4265
Android (android.graphics.Color)	4294283008 (0xFFFF58F00)
YUV	157.1960, -77.4976, 77.0041
Hunter-Lab	62.4959, 26.2400, 38.9691

# Details

The HunterLab color **62.4959, 26.2400, 38.9691** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **40.1195, 24.2609, -102.5173**, and the grayscale version is **58.4225, -3.1173, 3.1742**.

A 20% lighter version of the original color is **78.5497, 4.5121, 43.4565**, and **41.9516, 24.9519, 26.2872** is the 20% darker color. If you saturate the color by 10%, you get **62.4965, 26.2381, 38.9694**, and if you desaturate by 10%, it is **65.0620, 21.2640, 39.6501**.

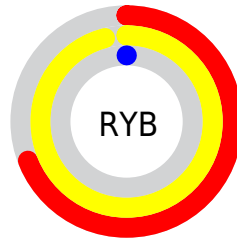
# Distribution



Red (96%)

Green (56%)

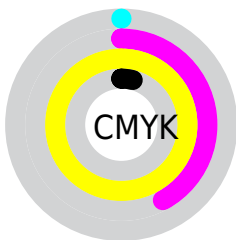
Blue (0%)



Red (69%)

Yellow (96%)

Blue (0%)

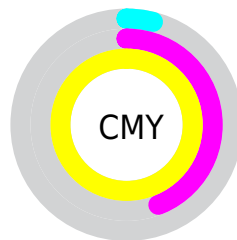


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (44%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.4959, 26.2400, 38.9691 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 62.4959, 26.2400, 38.9691 by changing the saturation by 10% instead.



62.4959, 26.2400,  
38.9691

62.4959, 26.2400,  
38.9691

184.9711, 30.7914,  
78.4708

51.7745, 25.3196,  
33.7114

85.8657, 27.7728,  
48.8242

41.7463, 24.2904,  
28.2565

98.4450, 28.4107,  
53.4633

32.4651, 23.1363,  
22.7255

111.5848, 28.9712,  
57.9395

23.9965, 21.8455,  
16.7975

125.2623, 29.4601,  
62.2721

16.4276, 20.4149,  
11.4994

139.4570, 29.8825,  
66.4779

9.8819, 18.8870,  
6.9173

154.1507, 30.2427,

0.0000, INF, NaN

70.5715

0.0000, NaN, NaN

169.3270, 30.5445,  
74.5655

0.0000, NaN, NaN

62.4959, 26.2400,  
38.9691

62.4959, 26.2400,  
38.9691

62.4965, 26.2381,  
38.9694

65.0620, 21.2640,  
39.6501

67.8035, 16.6071,  
39.5291

70.7250, 12.3569,  
38.4379

73.8205, 8.5476,  
36.3547

77.0818, 5.1926,  
33.2982

■ 80.5000, 2.2904,  
29.3100

■ 84.0656, -0.1703,  
24.4447

■ 87.7695, -2.2073,  
18.7620

■ 91.6029, -3.8423,  
12.3233

# Harmonies

## Analogous

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



62.4976, 62.9871, 31.8243



62.4959, 26.2400, 38.9691



62.4976, -11.9288, 40.0114

# Triad

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



62.4976, 26.2359, 38.9697



62.4976, -58.8629, -5.5984



62.4976, 45.0742, -76.5947

# Complementary

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



62.4959, 26.2400, 38.9691



40.1195, 24.2609, -102.5173

# 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.



62.4976, 5.7434, -105.7855



62.4959, 26.2400, 38.9691



62.4976, -50.0030, -52.0098

# Square

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



62.4976, 26.2359, 38.9697



62.4976, -55.8040, 24.1304



62.4976, -28.2657, -94.8607



62.4976, 75.4904, -28.3765



# Rectangle

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



62.4959, 26.2400, 38.9691



62.4976, -32.3317, 38.4209



62.4976, -28.2657, -94.8607



62.4976, 32.1461, -89.9263

# Sweetspot

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



62.4976, 26.2359, 38.9697



87.9495, -0.1622, 25.6192



45.1371, 79.4266, 12.6615



39.9518, 0.4033, 12.8967

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



62.4976, 26.2359, 38.9697



65.3486, 27.5749, 40.7503



90.1360, -31.8402, 54.9838



42.5320, -1.8140, 5.5483



46.1751, 18.6118, 28.7787



14.4104, 4.0357, 8.9503



# Inverse Universe

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



40.1195, 24.2609, -102.5173



41.9058, 25.5737, -107.5848



25.9730, 69.8587, -179.9693



41.3040, -2.4967, -1.2094



29.8815, 16.8077, -73.6322



9.9133, 2.7405, -18.3067



# Previews

## White Background



This preview shows how the HunterLab color 62.4959, 26.2400, 38.9691 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 62.4959, 26.2400, 38.9691 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 62.4959, 26.2400, 38.9691 Background



This preview shows how black text looks on a background with the HunterLab color 62.4959, 26.2400, 38.9691.



This preview shows how white text looks on a background with the HunterLab color 62.4959, 26.2400,



# 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

62.4959, 26.2400, 38.9691

### Protanopia

62.7456, -8.6978, 37.9291

### Tritanopia

62.5158, 41.2699, 14.5987

# Trichromacy



**Original Color**

62.4959, 26.2400, 38.9691

**Protanomaly**

62.3456, 3.1719, 38.1418

**Tritanomaly**

62.1314, 33.6111, 29.4286

# Monochromacy



**Original Color**

62.4959, 26.2400, 38.9691

**Achromatopsia**

58.0658, -3.0982, 3.1548

**Achromatomaly**

58.4768, 3.0215, 23.8618

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 62.4959, 26.2400, 38.9691 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(245, 143, 0)` looks like.

```
.text, #text, p{  
    color:rgb(245, 143, 0)  
}
```

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(245, 143, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 143, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 62.4959, 26.2400, 38.9691 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(245, 143, 0) }
```

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

```
.border{ border-color:rgb(245, 143, 0) }
```

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

Here you see how a box with a 4 pixel rgb(245, 143, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 143, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 143, 0);  
box-shadow:4px 4px 4px 4px rgb(245, 143,  
0) }
```



# Background

The CSS property to change the background color of an element to HunterLab 62.4959, 26.2400, 38.9691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 143, 0) }
```

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

```
.background{ background-color: rgb(245,  
143, 0) }
```

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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