

# Converting Colors

HunterLab(55.2740, 24.6992,  
34.4920)

Have a look what the booklet for  
HunterLab(55.2740, 24.6992,  
34.4920) contains.

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# Color

**HunterLab(55.1827, 25.0070,  
34.4411)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE7E00
RGB	222, 126, 0
RGB Percent	87%, 49%, 0%
CMY	0.1294, 0.5059, 1.0000
CMYK	0.00, 0.43, 1.00, 0.13
HSL	34°, 100%, 44%
HSV	34°, 100%, 87%
XYZ	37.5851, 30.4513, 3.8968
YIQ	140.3400, 97.6620, -18.8340

# Conversions

## Conversions Part 2

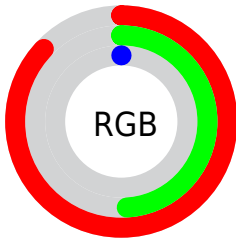
Format	Color
<a href="#">RYB</a>	169, 222, 0
Decimal	14581248
CIELab	62.04, 30.61, 68.65
CIELCh	62, 75.159, 65.970
Yxy	30.4529, 0.5225, 0.4233
Android (android.graphics.Color)	4292771328 (0xFFDE7E00)
YUV	140.3400, -69.1876, 71.6158
Hunter-Lab	55.1827, 25.0070, 34.4411

# Details

The HunterLab color **55.1827, 25.0070, 34.4411** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **36.9324, 19.3099, -87.8458**, and the grayscale version is **51.5876, -2.7526, 2.8029**.

A 20% lighter version of the original color is **73.4455, 13.5636, 40.8166**, and **35.5562, 23.5301, 22.3215** is the 20% darker color. If you saturate the color by 10%, you get **55.1832, 25.0053, 34.4414**, and if you desaturate by 10%, it is **57.5203, 20.4272, 35.0080**.

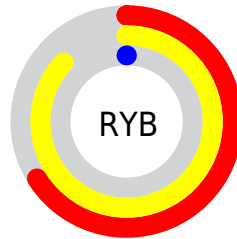
# Distribution



Red (87%)

Green (49%)

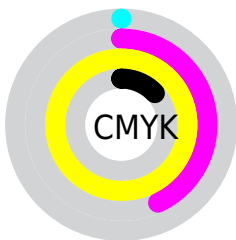
Blue (0%)



Red (66%)

Yellow (87%)

Blue (0%)

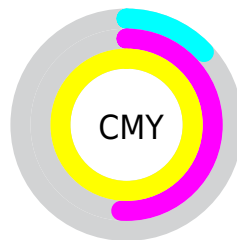


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (51%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.1827, 25.0070, 34.4411 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 55.1827, 25.0070, 34.4411 by changing the saturation by 10% instead.



55.1827, 25.0070,  
34.4411

55.1827, 25.0070,  
34.4411

174.3588, 29.7933,  
72.0383

44.9251, 24.0390,  
29.3766

77.7031, 26.6174,  
43.8835

35.3947, 22.9543,  
24.3262

89.8894, 27.2867,  
48.3087

26.6538, 21.7364,  
18.6577

102.6535, 27.8747,  
52.5691

18.7813, 20.3765,  
13.1469

115.9704, 28.3880,  
56.6856

11.8864, 18.8901,  
8.3205

129.8180, 28.8320,  
60.6765

4.7558, 28.0073,  
3.3291

144.1767, 29.2115,

0.0000, NaN, NaN

64.5571

0.0000, NaN, NaN

159.0290, 29.5308,  
68.3406

0.0000, NaN, NaN

55.1827, 25.0070,  
34.4411

55.1827, 25.0070,  
34.4411

55.1832, 25.0053,  
34.4414

57.5203, 20.4272,  
35.0080

60.0235, 16.1224,  
34.8747

62.6962, 12.1770,  
33.8825

65.5315, 8.6224,  
32.0181

68.5211, 5.4704,  
29.3030

■ 71.6559, 2.7193,  
25.7781

■ 74.9267, 0.3587,  
21.4944

■ 78.3246, -1.6279,  
16.5069

■ 81.8411, -3.2605,  
10.8712

# Harmonies

## Analogous

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



55.1842, 57.5795, 27.8217



55.1827, 25.0070, 34.4411



55.1842, -9.3235, 35.5010

# Triad

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



55.1842, 25.0033, 34.4417



55.1842, -52.5199, -3.5724



55.1842, 38.9607, -70.4432

# Complementary

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



55.1827, 25.0070, 34.4411



36.9324, 19.3099, -87.8458

# 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.



55.1842, 3.7319, -95.4616



55.1827, 25.0070, 34.4411



55.1842, -45.1064, -44.8211

# Square

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



55.1842, 25.0033, 34.4417



55.1842, -49.3629, 22.2034



55.1842, -26.2480, -84.0645



55.1842, 66.8601, -27.2549



# Rectangle

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



55.1827, 25.0070, 34.4411



55.1842, -27.8266, 34.2334



55.1842, -26.2480, -84.0645



55.1842, 27.3088, -82.1276

# Sweetspot

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



55.1842, 25.0033, 34.4417



87.5754, 0.4800, 25.2779



40.4697, 71.4004, 9.9020



39.7561, 0.7418, 12.7243

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



55.1842, 25.0033, 34.4417



64.3657, 29.6946, 40.1817



80.9545, -27.2138, 49.4072



38.7108, -1.5759, 4.9765



42.7936, 18.7022, 26.6966



12.0264, 3.3508, 7.4693



# Inverse Universe

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



36.9324, 19.3099, -87.8458



42.9296, 23.2290, -103.8030



23.1820, 62.4468, -161.3685



37.7005, -2.3555, -1.0099



28.8324, 14.0639, -66.3979



8.6698, 1.5067, -14.0890



# Previews

## White Background



This preview shows how the HunterLab color 55.1827, 25.0070, 34.4411 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 55.1827, 25.0070, 34.4411 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 55.1827, 25.0070, 34.4411 Background



This preview shows how black text looks on a background with the HunterLab color 55.1827, 25.0070, 34.4411.



This preview shows how white text looks on a background with the HunterLab color 55.1827, 25.0070,



# 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

55.1827, 25.0070, 34.4411

### Protanopia

55.4283, -7.6232, 33.4091

### Deuteranopia

55.3101, 3.4384, 34.1420



## Tritanopia

55.1341, 37.8457, 13.4094

# Trichromacy



## Original Color

55.1827, 25.0070, 34.4411

## Protanomaly

54.9445, 3.6471, 33.5787

## Deuteranomaly

55.1796, 11.1666, 34.1969

## Tritanomaly

54.7902, 31.8774, 26.1068

# Monochromacy



## Original Color

55.1827, 25.0070, 34.4411

## Achromatopsia

51.2104, -2.7325, 2.7824

## Achromatomaly

51.5706, 3.3606, 20.9705

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 55.1827, 25.0070, 34.4411 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(222, 126, 0)` looks like.

```
.text, #text, p{  
    color:rgb(222, 126, 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(222, 126, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 126, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 55.1827, 25.0070, 34.4411 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(222, 126, 0) }
```



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

```
.border{ border-color:rgb(222, 126, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 126, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 126, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 126, 0);  
box-shadow:4px 4px 4px 4px rgb(222, 126,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 55.1827, 25.0070, 34.4411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 126, 0) }
```

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

```
.background{ background-color: rgb(222,  
126, 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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