

Converting Colors

HunterLab(55.5727, 24.0556,
34.6648)

Have a look what the booklet for
HunterLab(55.5727, 24.0556,
34.6648) contains.

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Color

**HunterLab(55.6488, 24.0014,
34.7107)**

Conversions

Conversions Part 1

Format	Color
Hex	DE8000
RGB	222, 128, 0
RGB Percent	87%, 50%, 0%
CMY	0.1294, 0.4980, 1.0000
CMYK	0.00, 0.42, 1.00, 0.13
HSL	35°, 100%, 44%
HSV	35°, 100%, 87%
XYZ	37.8433, 30.9679, 3.9829
YIQ	141.5140, 97.1120, -19.8800

Conversions

Conversions Part 2

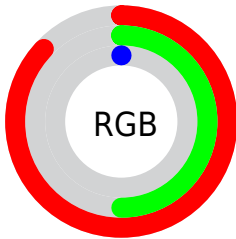
Format	Color
RYB	163, 222, 0
Decimal	14581760
CIELab	62.48, 29.55, 68.92
CIELCh	62, 74.989, 66.790
Yxy	30.9695, 0.5199, 0.4254
Android (android.graphics.Color)	4292771840 (0xFFDE8000)
YUV	141.5140, -69.7664, 70.5862
Hunter-Lab	55.6488, 24.0014, 34.7107

Details

The HunterLab color **55.6488, 24.0014, 34.7107** 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 **36.4414, 20.4178, -89.6237**, and the grayscale version is **52.0593, -2.7778, 2.8285**.

A 20% lighter version of the original color is **74.0018, 12.5726, 41.0436**, and **35.9477, 22.6062, 22.5466** is the 20% darker color. If you saturate the color by 10%, you get **55.6493, 23.9998, 34.7110**, and if you desaturate by 10%, it is **57.9614, 19.5180, 35.2699**.

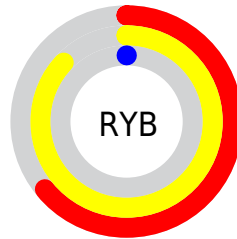
Distribution



Red (87%)

Green (50%)

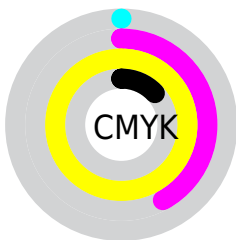
Blue (0%)



Red (64%)

Yellow (87%)

Blue (0%)

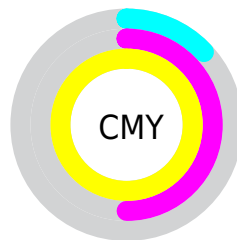


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.6488, 24.0014, 34.7107 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 55.6488, 24.0014, 34.7107 by changing the saturation by 10% instead.

55.6488, 24.0014,
34.7107

55.6488, 24.0014,
34.7107

175.0423, 28.4027,
72.3855

45.3604, 23.0839,
29.6397

78.2254, 25.5161,
44.1683

35.7969, 22.0511,
24.5570

90.4376, 26.1400,
48.6018

27.0198, 20.8861,
18.9139

103.2265, 26.6842,
52.8708

19.1072, 19.5776,
13.3751

116.5671, 27.1550,
56.9964

12.1665, 18.1338,
8.5166

130.4375, 27.5579,
60.9963

5.2418, 24.5601,
3.6692

144.8183, 27.8975,

0.0000, NaN, NaN

64.8860

0.0000, NaN, NaN

159.6918, 28.1779,
68.6787

0.0000, NaN, NaN

55.6488, 24.0014,
34.7107

55.6488, 24.0014,
34.7107

55.6493, 23.9998,
34.7110

57.9614, 19.5180,
35.2699

60.4330, 15.3131,
35.1290

63.0682, 11.4689,
34.1286

65.8609, 8.0156,
32.2530

68.8035, 4.9645,
29.5215

■ 71.8874, 2.3141,
25.9729

■ 75.1041, 0.0540,
21.6565

■ 78.4451, -1.8319,
16.6262

■ 81.9023, -3.3630,
10.9366

Harmonies

Analogous

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



55.6503, 56.7660, 28.2412



55.6488, 24.0014, 34.7107



55.6503, -10.2028, 35.6880

Triad

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



55.6503, 23.9978, 34.7113



55.6503, -52.6035, -4.5052



55.6503, 39.8435, -69.1737

Complementary

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



55.6488, 24.0014, 34.7107



36.4414, 20.4178, -89.6237

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.



55.6503, 4.6473, -94.9063



55.6488, 24.0014, 34.7107



55.6503, -44.8575, -45.9268

Square

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



55.6503, 23.9978, 34.7113



55.6503, -49.7208, 21.8018



55.6503, -25.6188, -84.5725



55.6503, 67.2897, -26.0259

Rectangle

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



55.6488, 24.0014, 34.7107



55.6503, -28.5390, 34.3202



55.6503, -25.6188, -84.5725



55.6503, 28.2494, -81.0151

Sweetspot

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



55.6503, 23.9978, 34.7113



87.7845, 0.1207, 25.4688



40.4697, 71.4003, 9.9019



39.8655, 0.5524, 12.8208

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.6503, 23.9978, 34.7113



64.9130, 28.5096, 40.4982



80.9544, -27.2138, 49.4071



38.7381, -1.6217, 5.0059



43.1503, 17.9384, 26.9031



12.1113, 3.1821, 7.5186

Inverse Universe

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



36.4414, 20.4178, -89.6237



42.3541, 24.5383, -105.9101



23.1820, 62.4467, -161.3682



37.6729, -2.3100, -1.0438



28.4553, 14.9012, -67.7342



8.5778, 1.6815, -14.3514

Previews

White Background



This preview shows how the HunterLab color 55.6488, 24.0014, 34.7107 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 55.6488, 24.0014, 34.7107 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 55.6488, 24.0014, 34.7107 Background



This preview shows how black text looks on a background with the HunterLab color 55.6488, 24.0014, 34.7107.



This preview shows how white text looks on a background with the HunterLab color 55.6488, 24.0014,

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

55.6488, 24.0014, 34.7107

Protanopia

55.8165, -7.7391, 33.6951

Deuteranopia

55.8149, 3.7396, 34.4583



Tritanopia

55.7522, 37.4534, 13.2919

Trichromacy



Original Color

55.6488, 24.0014, 34.7107

Protanomaly

55.3319, 3.5555, 33.8183

Deuteranomaly

55.5639, 11.0799, 34.4322

Tritanomaly

55.2455, 30.9333, 26.2291

Monochromacy



Original Color

55.6488, 24.0014, 34.7107

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

52.2374, 2.8475, 21.2595

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.6488, 24.0014, 34.7107 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, 128, 0)` looks like.

```
.text, #text, p{  
    color:rgb(222, 128, 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, 128, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 128, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 55.6488, 24.0014, 34.7107 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, 128, 0) }
```


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

```
.border{ border-color:rgb(222, 128, 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, 128, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 128, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 128, 0);  
box-shadow:4px 4px 4px 4px rgb(222, 128,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.6488, 24.0014, 34.7107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 128, 0) }
```

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

```
.background{ background-color: rgb(222,  
128, 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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