

Converting Colors

HunterLab(83.9360, 60.1416,
48.6072)

Have a look what the booklet for
HunterLab(83.9360, 60.1416,
48.6072) contains.

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Color

**HunterLab(70.2512, 19.8478,
38.6048)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA747
RGB	255, 167, 71
RGB Percent	100%, 65%, 28%
CMY	0.0000, 0.3451, 0.7216
CMYK	0.00, 0.35, 0.72, 0.00
HSL	31°, 100%, 64%
HSV	31°, 72%, 100%
XYZ	56.1960, 49.3523, 12.5254
YIQ	182.3680, 83.2640, -11.2000

Conversions

Conversions Part 2

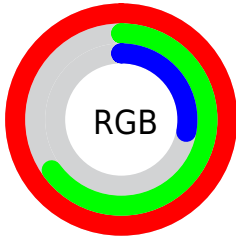
Format	Color
RYB	240, 255, 71
Decimal	16754503
CIELab	75.67, 24.52, 60.78
CIElCh	76, 65.543, 68.029
Yxy	49.3548, 0.4759, 0.4180
Android (android.graphics.Color)	4294944583 (0xFFFFA747)
YUV	182.3680, -54.9044, 63.6983
Hunter-Lab	70.2512, 19.8478, 38.6048

Details

The HunterLab color **70.2512, 19.8478, 38.6048** 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 **57.7531, 1.0684, -61.5187**, and the grayscale version is **68.7484, -3.6682, 3.7352**.

A 20% lighter version of the original color is **86.5782, -5.1309, 40.2007**, and **48.6036, 18.4494, 29.8861** is the 20% darker color. If you saturate the color by 10%, you get **66.9578, 25.2160, 39.4570**, and if you desaturate by 10%, it is **73.7800, 14.9210, 36.7332**.

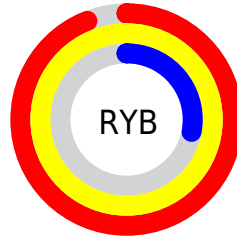
Distribution



Red (100%)

Green (65%)

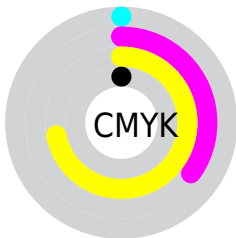
Blue (28%)



Red (94%)

Yellow (100%)

Blue (28%)

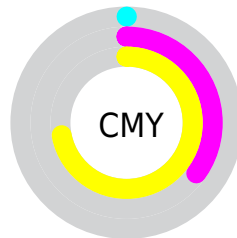


Cyan (0%)

Magenta (35%)

Yellow (72%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.2512, 19.8478, 38.6048 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 70.2512, 19.8478, 38.6048 by changing the saturation by 10% instead.


 70.2512, 19.8478,
38.6048


 70.2512, 19.8478,
38.6048


195.9943, 21.7590,
70.9589


 59.0771, 19.2828,
34.3525


 94.4554, 20.7158,
46.5792


 48.5661, 18.6258,
29.8833


 107.4228, 21.0414,
50.3491


 38.7650, 17.8611,
25.1686


 120.9347, 21.3012,
54.0007

 29.7297, 16.9738,
20.7105

 134.9699, 21.4999,
57.5500

 21.5314, 15.9468,
15.0720

 149.5096, 21.6418,
61.0101

 14.2665, 14.7644,
9.9865

164.5369, 21.7302,

 7.9239, 14.2291,

64.3923

5.5467

180.0365, 21.7684,
67.7059

0.0000, INF, NaN

0.0000, NaN, NaN

■ 70.2512, 19.8478,
38.6048

■ 70.2512, 19.8478,
38.6048

■ 66.9578, 25.2160,
39.4570

■ 73.7800, 14.9210,
36.7332

■ 63.9067, 30.9795,
39.3072

■ 77.5241, 10.4734,
33.8710


■ 61.6839, 35.6843,
38.6340


■ 81.4702, 6.5051,
30.0759

■ 85.6033, 3.0057,
25.4175

■ 89.9092, -0.0449,

19.9686

 94.3745, -2.6719,
13.8010

 98.9871, -4.9037,
6.9822

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



70.2530, 49.3379, 30.4598



70.2512, 19.8478, 38.6048



70.2530, -11.8466, 39.8920

Triad

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



70.2530, 19.8439, 38.6055



70.2530, -53.3647, -4.5224



70.2530, 36.6492, -56.7174

Complementary

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



70.2512, 19.8478, 38.6048



57.7531, 1.0684, -61.5187

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.



70.2530, 4.7259, -78.1260



70.2512, 19.8478, 38.6048



70.2530, -44.6337, -40.5721

Square

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



70.2530, 19.8439, 38.6055



70.2530, -50.7296, 21.8276



70.2530, -24.5942, -71.2025



70.2530, 60.1476, -20.7296

Rectangle

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



70.2512, 19.8478, 38.6048



70.2530, -29.5084, 37.6220



70.2530, -24.5942, -71.2025



70.2530, 26.3490, -66.4353

Sweetspot

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



70.2530, 19.8439, 38.6055



89.9778, -0.0889, 19.8780



53.2001, 74.1010, -2.9524



41.0798, 0.3209, 9.9157

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.2530, 19.8439, 38.6055



65.4489, 27.9644, 39.5054



96.2587, -25.6328, 55.1933



44.2215, -1.5272, 5.5768



44.9252, 25.0267, 28.1208



14.7783, 6.1376, 9.2138

Inverse Universe

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



57.7531, 1.0684, -61.5187



51.0706, 8.3167, -78.2191



36.3117, 50.1694, -131.2214



43.3716, -2.9733, -1.0088



33.6658, 11.1372, -66.1213



11.4922, 1.5562, -17.7236

Previews

White Background



This preview shows how the HunterLab color 70.2512, 19.8478, 38.6048 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 70.2512, 19.8478, 38.6048 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 70.2512, 19.8478, 38.6048 Background



This preview shows how black text looks on a background with the HunterLab color 70.2512, 19.8478, 38.6048.



This preview shows how white text looks on a background with the HunterLab color 70.2512, 19.8478,

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

70.2512, 19.8478, 38.6048

Protanopia

70.3465, -8.6114, 37.2788

Deuteranopia

70.4143, 4.9647, 38.8710



Tritanopia

70.2167, 32.3597, 11.7216

Trichromacy



Original Color

70.2512, 19.8478, 38.6048

Protanomaly

70.1128, 1.1416, 37.5941

Deuteranomaly

70.2869, 10.2904, 38.7413

Tritanomaly

70.1253, 26.5461, 24.6063

Monochromacy



Original Color

70.2512, 19.8478, 38.6048

Achromatopsia

68.3947, -3.6494, 3.7160

Achromatomaly

68.5220, 2.2590, 20.1192

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.2512, 19.8478, 38.6048 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(255, 167, 71)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 71)  
}
```

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(255, 167, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 70.2512, 19.8478, 38.6048 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(255, 167, 71) }
```


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

```
.border{ border-color:rgb(255, 167, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 71);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
71) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.2512, 19.8478, 38.6048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 71) }
```

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

```
.background{ background-color: rgb(255,  
167, 71) }
```

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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