

# Converting Colors

HunterLab(71.3453, 17.5457,  
39.6112)

Have a look what the booklet for  
HunterLab(71.3453, 17.5457,  
39.6112) contains.

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# Color

**HunterLab(71.2850, 17.6734,  
39.5520)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFAB45
RGB	255, 171, 69
RGB Percent	100%, 67%, 27%
CMY	0.0000, 0.3294, 0.7294
CMYK	0.00, 0.33, 0.73, 0.00
HSL	33°, 100%, 64%
HSV	33°, 73%, 100%
XYZ	56.8771, 50.8155, 12.4409
YIQ	184.4880, 82.8060, -13.9140

# Conversions

## Conversions Part 2

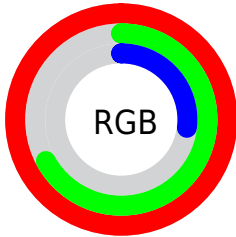
Format	Color
R <sub>Y</sub> B	222, 255, 69
Decimal	16755525
CIE Lab	76.57, 22.34, 62.55
CIE LCh	77, 66.420, 70.343
Yxy	50.8181, 0.4734, 0.4230
Android (android.graphics.Color)	4294945605 (0xFFFFAB45)
YUV	184.4880, -56.9356, 61.8390
Hunter-Lab	71.2850, 17.6734, 39.5520

# Details

The HunterLab color **71.2850, 17.6734, 39.5520** 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 **55.9163, 3.9636, -65.7905**, and the grayscale version is **69.6461, -3.7161, 3.7840**.

A 20% lighter version of the original color is **87.7826, -7.3157, 41.5271**, and **49.5377, 16.4036, 30.6746** is the 20% darker color. If you saturate the color by 10%, you get **68.1203, 22.7292, 40.3417**, and if you desaturate by 10%, it is **74.6642, 13.0619, 37.7329**.

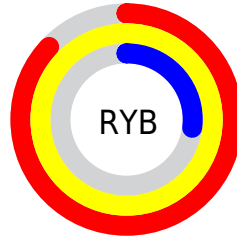
# Distribution



Red (100%)

Green (67%)

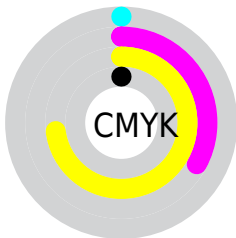
Blue (27%)



Red (87%)

Yellow (100%)

Blue (27%)

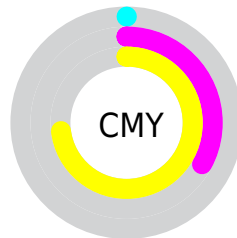


Cyan (0%)

Magenta (33%)

Yellow (73%)

Black (0%)



Cyan (0%)

Magenta (33%)


Yellow (73%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.2850, 17.6734, 39.5520 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 71.2850, 17.6734, 39.5520 by changing the saturation by 10% instead.





 71.2850, 17.6734,  
39.5520


 71.2850, 17.6734,  
39.5520


197.4479, 18.8059,  
72.6351

 60.0532, 17.2116,  
35.2060


 95.5959, 18.3474,  
47.7068


 49.4808, 16.6625,  
30.6417


 108.6131, 18.5813,  
51.5628


 39.6140, 16.0106,  
25.8326


 122.1728, 18.7525,  
55.2978

 30.5073, 15.2413,  
21.2871

 136.2540, 18.8656,  
58.9277

 22.2305, 14.3368,  
15.5613

 150.8381, 18.9243,  
62.4660

 14.8769, 13.2771,  
10.4139

165.9084, 18.9321,

 8.5276, 12.3212,

65.9238

5.9693

181.4496, 18.8917,  
69.3107

0.0000, INF, NaN

0.0000, NaN, NaN

■ 71.2850, 17.6734,  
39.5520

■ 71.2850, 17.6734,  
39.5520

■ 68.1203, 22.7292,  
40.3417

■ 74.6642, 13.0619,  
37.7329

■ 65.1736, 28.1881,  
40.1324

■ 78.2409, 8.9300,  
34.9018


■ 63.2228, 32.2086,  
39.5214


■ 82.0045, 5.2773,  
31.1077

■ 85.9425, 2.0941,  
26.4132

■ 90.0426, -0.6381,

20.8865

 94.2933, -2.9433,  
14.5968

 98.6838, -4.8480,  
7.6103

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.



71.2868, 48.3158, 31.9542



71.2850, 17.6734, 39.5520



71.2868, -14.3302, 40.4203

# Triad

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



71.2868, 17.6695, 39.5527



71.2868, -54.0260, -7.2247



71.2868, 39.6569, -55.2712

# Complementary

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



71.2850, 17.6734, 39.5520



55.9163, 3.9636, -65.7905

# 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.



71.2868, 7.3634, -78.9402



71.2850, 17.6734, 39.5520



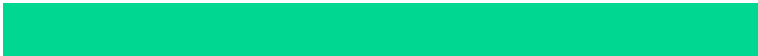
71.2868, -44.2491, -44.2343

# Square

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



71.2868, 17.6695, 39.5527



71.2868, -52.2359, 20.6287



71.2868, -23.0090, -74.2024



71.2868, 62.4539, -18.2797



# Rectangle

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



71.2850, 17.6734, 39.5520



71.2868, -31.8253, 37.7890



71.2868, -23.0090, -74.2024



71.2868, 29.3419, -65.6464

# Sweetspot

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



71.2868, 17.6695, 39.5527



90.4361, -0.8725, 20.3270



52.8300, 74.2961, -1.3454



41.3166, -0.0860, 10.1428

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.2868, 17.6695, 39.5527



66.6016, 25.4466, 40.3555



95.9438, -26.8236, 55.1709



44.3153, -1.6847, 5.6777



46.0311, 22.5516, 28.7589



15.1044, 5.4519, 9.4027



# Inverse Universe

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



55.9163, 3.9636, -65.7905



48.9795, 12.1210, -84.1300



36.0287, 51.3750, -132.5882



43.2766, -2.8167, -1.1254



32.3830, 13.8219, -70.3135



11.1163, 2.2645, -18.7828



# Previews

## White Background



This preview shows how the HunterLab color 71.2850, 17.6734, 39.5520 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 71.2850, 17.6734, 39.5520 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 71.2850, 17.6734, 39.5520 Background



This preview shows how black text looks on a background with the HunterLab color 71.2850, 17.6734, 39.5520.



This preview shows how white text looks on a background with the HunterLab color 71.2850, 17.6734,



# 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

71.2850, 17.6734, 39.5520

### Protanopia

71.5334, -9.1165, 38.5492

### Deuteranopia

71.3223, 5.0690, 39.7525



## Tritanopia

71.3210, 30.7488, 11.1966

# Trichromacy



## Original Color

71.2850, 17.6734, 39.5520

## Protanomaly

71.1799, 0.2744, 38.7587

## Deuteranomaly

71.3472, 9.4853, 39.7171

## Tritanomaly

71.1864, 24.6269, 24.8959

# Monochromacy



## Original Color

71.2850, 17.6734, 39.5520

## Achromatopsia

69.2330, -3.6941, 3.7616

## Achromatomaly

69.2061, 1.6126, 20.7483

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.2850, 17.6734, 39.5520 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, 171, 69)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 69)  
}
```

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, 171, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 69) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.2850, 17.6734, 39.5520 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, 171, 69) }
```



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

```
.border{ border-color:rgb(255, 171, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 69);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
69) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.2850, 17.6734, 39.5520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 69) }
```

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

```
.background{ background-color: rgb(255,  
171, 69) }
```

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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