

# Converting Colors

HunterLab(75.2885, 24.7567,  
39.3795)

Have a look what the booklet for  
HunterLab(75.2885, 24.7567,  
39.3795) contains.

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# Color

**HunterLab(72.5543, 16.6413,  
37.2756)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFAF59
RGB	255, 175, 89
RGB Percent	100%, 69%, 35%
CMY	0.0000, 0.3137, 0.6510
CMYK	0.00, 0.31, 0.65, 0.00
HSL	31°, 100%, 67%
HSV	31°, 65%, 100%
XYZ	58.3732, 52.6413, 16.5354
YIQ	189.1160, 75.2860, -9.7860

# Conversions

## Conversions Part 2

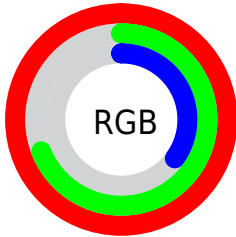
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 255, 89
Decimal	16756569
CIE <sub>Lab</sub>	77.66, 21.28, 54.78
CIE <sub>LCh</sub>	78, 58.773, 68.769
Yxy	52.6439, 0.4576, 0.4127
Android (android.graphics.Color)	4294946649 (0xFFFFAF59)
YUV	189.1160, -49.3572, 57.7803
Hunter-Lab	72.5543, 16.6413, 37.2756

# Details

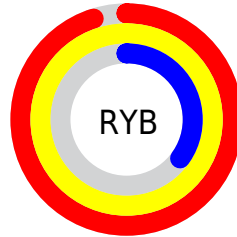
The HunterLab color **72.5543, 16.6413, 37.2756** is a light color, and the websafe version is hex **FF9933**. The color can be described as light muted orange. A complement of this color would be **61.4150, -1.8061, -53.5218**, and the grayscale version is **71.5655, -3.8186, 3.8883**.

A 20% lighter version of the original color is **89.6464, -8.1451, 38.1717**, and **50.5193, 15.9707, 29.3552** is the 20% darker color. If you saturate the color by 10%, you get **69.0790, 21.7445, 38.8471**, and if you desaturate by 10%, it is **76.2577, 12.0003, 34.7054**.

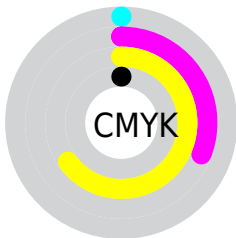
# Distribution



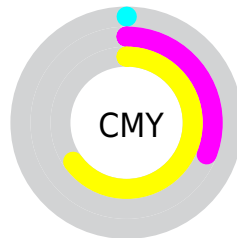
- Red (100%)
- Green (69%)
- Blue (35%)



- Red (95%)
- Yellow (100%)
- Blue (35%)



- Cyan (0%)
- Magenta (31%)
- Yellow (65%)
- Black (0%)




- Cyan (0%)
- Magenta (31%)
- Yellow (65%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.5543, 16.6413, 37.2756 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 72.5543, 16.6413, 37.2756 by changing the saturation by 10% instead.




 72.5543, 16.6413,  
37.2756


 72.5543, 16.6413,  
37.2756


199.2279, 17.3605,  
66.7147

 61.2524, 16.2356,  
33.4429


 96.9949, 17.2111,  
44.4808


 50.6056, 15.7455,  
29.4165


 110.0727, 17.3960,  
47.8975

 40.6590, 15.1561,  
25.1625


 123.6904, 17.5202,  
51.2144

 31.4660, 14.4531,  
20.6885

 137.8276, 17.5879,  
54.4453

 23.0942, 13.6189,  
16.1659

152.4658, 17.6027,  
57.6018

 15.6339, 12.6322,  
10.9437

167.5884, 17.5680,

 9.2113, 11.4907,

60.6937

6.4479

183.1803, 17.4864,  
63.7290

0.0000, INF, NaN

0.0000, NaN, NaN

■ 72.5543, 16.6413,  
37.2756

■ 72.5543, 16.6413,  
37.2756

■ 69.0790, 21.7445,  
38.8471

■ 76.2577, 12.0003,  
34.7054

■ 65.8409, 27.2861,  
39.3971

■ 80.1681, 7.8430,  
31.1864

■ 62.8534, 33.1912,  
38.9675


■ 84.2720, 4.1588,  
26.7871

■ 61.4771, 36.1598,  
38.5149

■ 88.5544, 0.9301,  
21.5808

■ 93.0016, -1.8674,

15.6404

 97.6009, -4.2614,  
9.0350

100.0000, -5.3359,  
5.4331

# Harmonies

## Analogous

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



72.5561, 42.9782, 29.2293



72.5543, 16.6413, 37.2756



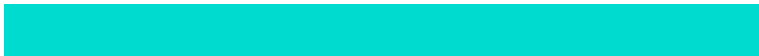
72.5561, -11.8904, 38.4925

# Triad

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



72.5561, 16.6375, 37.2764



72.5561, -49.7297, -4.2874



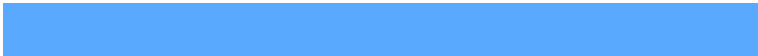
72.5561, 32.9503, -48.3087

# Complementary

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



72.5543, 16.6413, 37.2756



61.4150, -1.8061, -53.5218

# 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.



72.5561, 4.5036, -66.9531



72.5543, 16.6413, 37.2756



72.5561, -41.2137, -35.9262

# Square

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



72.5561, 16.6375, 37.2764



72.5561, -47.4945, 20.1356



72.5561, -22.3354, -61.7205



72.5561, 53.3438, -17.1184



# Rectangle

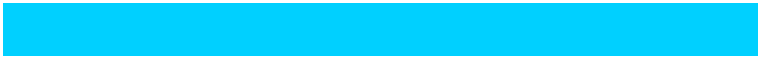
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.5543, 16.6413, 37.2756



72.5561, -27.9785, 35.9975



72.5561, -22.3354, -61.7205



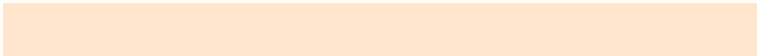
72.5561, 23.8534, -56.7011

# Sweetspot

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



72.5561, 16.6375, 37.2764



90.8016, -0.5479, 18.6403



55.9272, 68.0801, -4.2616



41.4333, 0.1173, 9.3848

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



72.5561, 16.6375, 37.2764



68.1139, 23.3108, 39.1117



96.4261, -24.7396, 53.1726



44.2086, -1.5055, 5.5629



44.7764, 25.3655, 28.0351

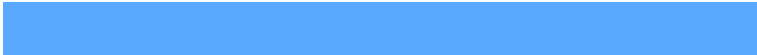


14.7342, 6.2318, 9.1883



# Inverse Universe

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



61.4150, -1.8061, -53.5218



55.2298, 3.2356, -67.4739



40.7782, 42.5065, -111.6841



43.3847, -2.9948, -0.9928



33.8452, 10.7714, -65.5558



11.5445, 1.4596, -17.5806



# Previews

## White Background



This preview shows how the HunterLab color 72.5543, 16.6413, 37.2756 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

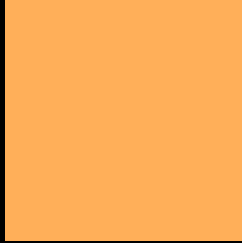
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 72.5543, 16.6413, 37.2756 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 72.5543, 16.6413, 37.2756 Background



This preview shows how black text looks on a background with the HunterLab color 72.5543, 16.6413, 37.2756.



This preview shows how white text looks on a background with the HunterLab color 72.5543, 16.6413,

37.2756.

# 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

72.5543, 16.6413, 37.2756

### Protanopia

72.8782, -8.5597, 35.9495

### Deuteranopia

72.6170, 5.4457, 37.4796



## Tritanopia

72.4706, 29.2838, 10.2775

# Trichromacy



**Original Color**

72.5543, 16.6413, 37.2756

**Protanomaly**

72.3893, 0.3822, 36.1307

**Deuteranomaly**

72.5122, 9.4570, 37.2982

**Tritanomaly**

72.4301, 23.5570, 22.7828

# Monochromacy



**Original Color**

72.5543, 16.6413, 37.2756

**Achromatopsia**

71.3359, -3.8063, 3.8758

**Achromatomaly**

71.2229, 1.4999, 18.8257

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 72.5543, 16.6413, 37.2756 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, 175, 89)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 89)  
}
```

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, 175, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 89) }
```

## Border

The CSS property to change the border of an element to HunterLab 72.5543, 16.6413, 37.2756 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, 175, 89) }
```



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

```
.border{ border-color:rgb(255, 175, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 89);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
89) }
```

# Background

The CSS property to change the background color of an element to HunterLab 72.5543, 16.6413, 37.2756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 89) }
```

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

```
.background{ background-color: rgb(255,  
175, 89) }
```

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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