

Converting Colors

HunterLab(72.8290, 16.1105,
37.4577)

Have a look what the booklet for
HunterLab(72.8290, 16.1105,
37.4577) contains.

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Color

**HunterLab(72.8230, 16.1198,
37.4606)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB059
RGB	255, 176, 89
RGB Percent	100%, 69%, 35%
CMY	0.0000, 0.3098, 0.6510
CMYK	0.00, 0.31, 0.65, 0.00
HSL	31°, 100%, 67%
HSV	31°, 65%, 100%
XYZ	58.5685, 53.0319, 16.6004
YIQ	189.7030, 75.0110, -10.3090

Conversions

Conversions Part 2

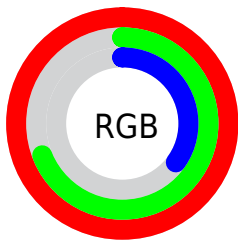
Format	Color
R_{YB}	240, 255, 89
Decimal	16756825
CIE _{Lab}	77.90, 20.76, 55.04
CIE _{LCh}	78, 58.828, 69.335
Yxy	53.0346, 0.4568, 0.4137
Android (android.graphics.Color)	4294946905 (0xFFFFB059)
YUV	189.7030, -49.6466, 57.2655
Hunter-Lab	72.8230, 16.1198, 37.4606

Details

The HunterLab color **72.8230, 16.1198, 37.4606** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **61.1124, -1.2949, -54.1515**, and the grayscale version is **71.8144, -3.8318, 3.9018**.

A 20% lighter version of the original color is **89.9590, -8.6519, 38.4143**, and **50.7630, 15.4771, 29.5066** is the 20% darker color. If you saturate the color by 10%, you get **69.3755, 21.1439, 39.0369**, and if you desaturate by 10%, it is **76.4939, 11.5586, 34.8819**.

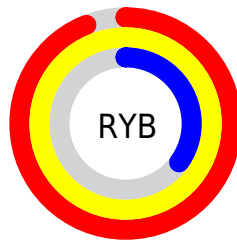
Distribution



Red (100%)

Green (69%)

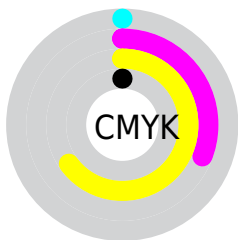
Blue (35%)



Red (94%)

Yellow (100%)

Blue (35%)

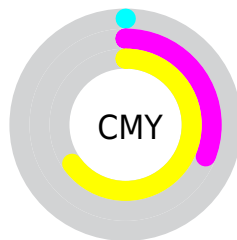


Cyan (0%)

Magenta (31%)

Yellow (65%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 72.8230, 16.1198, 37.4606 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 72.8230, 16.1198, 37.4606 by changing the saturation by 10% instead.


 72.8230, 16.1198,
37.4606


 72.8230, 16.1198,
37.4606


199.6040, 16.6510,
66.9988


 61.5064, 15.7391,
33.6155

 97.2909, 16.6426,
44.6899


 50.8439, 15.2753,
29.5767


 110.3814, 16.8054,
48.1182

 40.8806, 14.7133,
25.3104

 124.0114, 16.9082,
51.4463

 31.6694, 14.0394,
20.8212

 138.1603, 16.9552,
54.6882

 23.2778, 13.2357,
16.2944

152.8099, 16.9501,
57.8555

 15.7952, 12.2805,
11.0566

167.9435, 16.8959,

 9.3492, 11.1569,

60.9577

6.5444

183.5461, 16.7954,
64.0032

0.0000, INF, NaN

0.0000, NaN, NaN

■ 72.8230, 16.1198,
37.4606

■ 72.8230, 16.1198,
37.4606

■ 69.3755, 21.1439,
39.0369

■ 76.4939, 11.5586,
34.8819

■ 66.1599, 26.6087,
39.5897

■ 80.3679, 7.4812,
31.3488

■ 63.1887, 32.4416,
39.1628

■ 84.4318, 3.8769,
26.9285

■ 61.8179, 35.3775,
38.7112

■ 88.6715, 0.7281,
21.6931

■ 93.0735, -1.9893,

15.7149

97.6255, -4.3028,
9.0625

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.



72.8248, 42.6423, 29.5418



72.8230, 16.1198, 37.4606



72.8248, -12.4241, 38.5704

Triad

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



72.8248, 16.1160, 37.4614



72.8248, -49.7925, -4.8486



72.8248, 33.5031, -47.8623

Complementary

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



72.8230, 16.1198, 37.4606



61.1124, -1.2949, -54.1515

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.



72.8248, 5.0569, -66.9104



72.8230, 16.1198, 37.4606



72.8248, -41.0518, -36.5786

Square

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



72.8248, 16.1160, 37.4614



72.8248, -47.7549, 19.8309



72.8248, -21.9447, -62.1422



72.8248, 53.6874, -16.5418

Rectangle

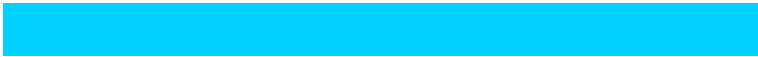
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.8230, 16.1198, 37.4606



72.8248, -28.4495, 35.9844



72.8248, -21.9447, -62.1422



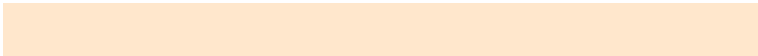
72.8248, 24.4294, -56.3644

Sweetspot

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



72.8248, 16.1160, 37.4614



90.8960, -0.7092, 18.7344



55.9271, 68.0802, -4.2616



41.4828, 0.0323, 9.4331

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.8248, 16.1160, 37.4614



68.4176, 22.6877, 39.3024



96.4260, -24.7396, 53.1725



44.2298, -1.5411, 5.5857



45.0215, 24.8081, 28.1763



14.8069, 6.0769, 9.2303

Inverse Universe

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



61.1124, -1.2949, -54.1515



54.8784, 3.8608, -68.3296



40.7781, 42.5066, -111.6843



43.3632, -2.9594, -1.0191



33.5506, 11.3734, -66.4872



11.4586, 1.6185, -17.8161

Previews

White Background



This preview shows how the HunterLab color 72.8230, 16.1198, 37.4606 looks on a white background.

Color Contrast Check

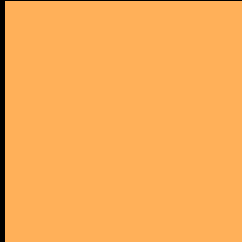
Large Text (above 18pt) WCAG AA × Fail

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 72.8230, 16.1198, 37.4606 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 72.8230, 16.1198, 37.4606 Background



This preview shows how black text looks on a background with the HunterLab color 72.8230, 16.1198, 37.4606.



This preview shows how white text looks on a background with the HunterLab color 72.8230, 16.1198,

37.4606.

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

72.8230, 16.1198, 37.4606

Protanopia

72.8658, -8.6285, 36.1318

Deuteranopia

73.0204, 5.3365, 37.7669



Tritanopia

72.7538, 28.8844, 10.1471

Trichromacy



Original Color

72.8230, 16.1198, 37.4606

Protanomaly

72.6687, -0.1840, 36.5138

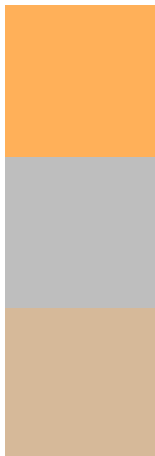
Deuteranomaly

72.9142, 9.3496, 37.5857

Tritanomaly

72.7129, 23.1347, 22.7023

Monochromacy



Original Color

72.8230, 16.1198, 37.4606

Achromatopsia

71.7578, -3.8288, 3.8987

Achromatomaly

71.6198, 1.3510, 19.2067

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.8230, 16.1198, 37.4606 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, 176, 89)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 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, 176, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 72.8230, 16.1198, 37.4606 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, 176, 89) }
```


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

```
.border{ border-color:rgb(255, 176, 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, 176, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 89);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
89) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.8230, 16.1198, 37.4606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 89) }
```

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

```
.background{ background-color: rgb(255,  
176, 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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