

Converting Colors

HunterLab(80.6341, 39.8156,
43.1867)

Have a look what the booklet for
HunterLab(80.6341, 39.8156,
43.1867) contains.

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Color

**HunterLab(72.8464, 16.2414,
37.1163)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB05B
RGB	255, 176, 91
RGB Percent	100%, 69%, 36%
CMY	0.0000, 0.3098, 0.6431
CMYK	0.00, 0.31, 0.64, 0.00
HSL	31°, 100%, 68%
HSV	31°, 64%, 100%
XYZ	58.6536, 53.0660, 17.0489
YIQ	189.9310, 74.3690, -9.6870

Conversions

Conversions Part 2

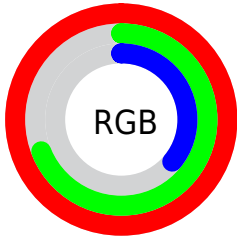
Format	Color
R _Y B	243, 255, 91
Decimal	16756827
CIE Lab	77.92, 20.88, 54.12
CIE LCh	78, 58.012, 68.904
Yxy	53.0686, 0.4555, 0.4121
Android (android.graphics.Color)	4294946907 (0xFFFFB05B)
YUV	189.9310, -48.7730, 57.0655
Hunter-Lab	72.8464, 16.2414, 37.1163

Details

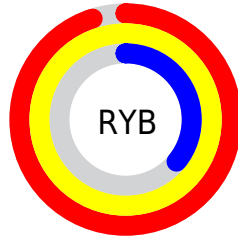
The HunterLab color **72.8464, 16.2414, 37.1163** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **61.7995, -2.0352, -52.7206**, and the grayscale version is **71.9073, -3.8368, 3.9069**.

A 20% lighter version of the original color is **89.9927, -8.4660, 37.9212**, and **50.7757, 15.5422, 29.3185** is the 20% darker color. If you saturate the color by 10%, you get **69.3540, 21.3057, 38.7677**, and if you desaturate by 10%, it is **76.5655, 11.6409, 34.4692**.

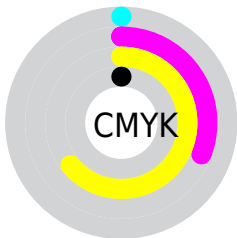
Distribution



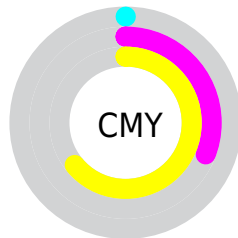
- Red (100%)
- Green (69%)
- Blue (36%)



- Red (95%)
- Yellow (100%)
- Blue (36%)



- Cyan (0%)
- Magenta (31%)
- Yellow (64%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.8464, 16.2414, 37.1163 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 72.8464, 16.2414, 37.1163 by changing the saturation by 10% instead.


 72.8464, 16.2414,
37.1163


 72.8464, 16.2414,
37.1163


199.6368, 16.8119,
66.2368


 61.5285, 15.8556,
33.3299

 97.3167, 16.7739,
44.2371


 50.8647, 15.3864,
29.3529


 110.4082, 16.9413,
47.6152

 40.8999, 14.8190,
25.1510


 124.0393, 17.0486,
50.8954

 31.6872, 14.1393,
20.7096


 138.1893, 17.0999,
54.0916

 23.2938, 13.3296,
16.3056

152.8398, 17.0990,
57.2151

 15.8092, 12.3684,
11.0665

167.9744, 17.0489,

 9.3611, 11.2386,

60.2753

6.5527

183.5779, 16.9523,
63.2803

0.0000, INF, NaN

0.0000, NaN, NaN

■ 72.8464, 16.2414,
37.1163

■ 72.8464, 16.2414,
37.1163

■ 69.3540, 21.3057,
38.7677

■ 76.5655, 11.6409,
34.4692

■ 66.0975, 26.8124,
39.3974

■ 80.4904, 7.5240,
30.8781

■ 63.0907, 32.6901,
39.0410

■ 84.6073, 3.8793,
26.4121

■ 61.4895, 36.1310,
38.5221

■ 88.9015, 0.6883,
21.1445

■ 93.3594, -2.0736,

15.1481

97.9683, -4.4342,
8.4916

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.



72.8482, 42.2417, 29.1025



72.8464, 16.2414, 37.1163



72.8482, -11.9340, 38.3125

Triad

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



72.8482, 16.2376, 37.1171



72.8482, -49.3044, -4.3000



72.8482, 32.5723, -47.3555

Complementary

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



72.8464, 16.2414, 37.1163



61.7995, -2.0352, -52.7206

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.



72.8482, 4.5171, -65.7322



72.8464, 16.2414, 37.1163



72.8482, -40.8008, -35.4564

Square

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



72.8482, 16.2376, 37.1171



72.8482, -47.1322, 19.9133



72.8482, -22.0465, -60.7123



72.8482, 52.6067, -16.6747

Rectangle

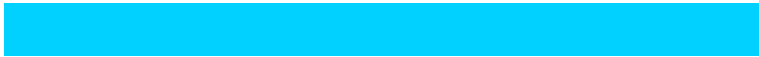
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.8464, 16.2414, 37.1163



72.8482, -27.8356, 35.7875



72.8482, -22.0465, -60.7123



72.8482, 23.6117, -55.6136

Sweetspot

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



72.8482, 16.2376, 37.1171



91.2506, -0.8307, 18.0452



56.2627, 67.3480, -4.3687



41.6291, -0.0128, 9.1321

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.8482, 16.2376, 37.1171



68.4551, 22.7446, 39.0373



96.4469, -24.6274, 52.9142



44.2093, -1.5068, 5.5637



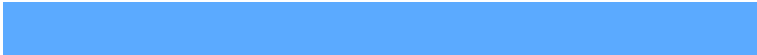
44.7853, 25.3451, 28.0402



14.7369, 6.2261, 9.1898

Inverse Universe

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



61.7995, -2.0352, -52.7206



55.6737, 2.8000, -66.3981



41.3138, 41.6791, -109.5850



43.3839, -2.9935, -0.9938



33.8343, 10.7935, -65.5899



11.5414, 1.4654, -17.5892

Previews

White Background



This preview shows how the HunterLab color 72.8464, 16.2414, 37.1163 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 72.8464, 16.2414, 37.1163 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 72.8464, 16.2414, 37.1163 Background



This preview shows how black text looks on a background with the HunterLab color 72.8464, 16.2414, 37.1163.



This preview shows how white text looks on a background with the HunterLab color 72.8464, 16.2414,

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

72.8464, 16.2414, 37.1163

Protanopia

72.9034, -8.4197, 35.5779

Deuteranopia

73.0431, 5.4580, 37.4327



Tritanopia

72.7538, 28.8844, 10.1471

Trichromacy



Original Color

72.8464, 16.2414, 37.1163

Protanomaly

72.7055, 0.0158, 35.9723

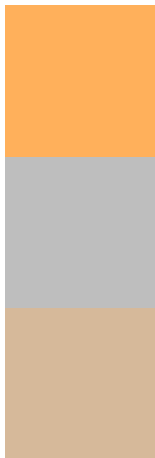
Deuteranomaly

72.9372, 9.4716, 37.2464

Tritanomaly

72.7346, 23.2454, 22.3874

Monochromacy



Original Color

72.8464, 16.2414, 37.1163

Achromatopsia

71.7578, -3.8288, 3.8987

Achromatomaly

71.6430, 1.4762, 18.8714

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.8464, 16.2414, 37.1163 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, 91)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 91)  
}
```

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, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 72.8464, 16.2414, 37.1163 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, 91) }
```


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

```
.border{ border-color:rgb(255, 176, 91) }
```

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, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 91);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
91) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.8464, 16.2414, 37.1163 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, 91) }
```

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

```
.background{ background-color: rgb(255,  
176, 91) }
```

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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