

Converting Colors

HunterLab(76.2684, 9.2472,
40.6138)

Have a look what the booklet for
HunterLab(76.2684, 9.2472,
40.6138) contains.

HunterLab(76.3513, 9.0840, 40.6931)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(76.3513, 9.0840,
40.6931)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBD54
RGB	255, 189, 84
RGB Percent	100%, 74%, 33%
CMY	0.0000, 0.2588, 0.6706
CMYK	0.00, 0.26, 0.67, 0.00
HSL	37°, 100%, 66%
HSV	37°, 67%, 100%
XYZ	61.0377, 58.2952, 16.4226
YIQ	196.7640, 73.0410, -18.6630

Conversions

Conversions Part 2

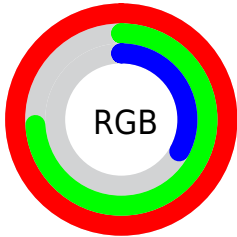
Format	Color
RYB	191, 255, 84
Decimal	16760148
CIELab	80.90, 13.69, 60.61
CIELCh	81, 62.140, 77.273
Yxy	58.2981, 0.4496, 0.4294
Android (android.graphics.Color)	4294950228 (0xFFFFBD54)
YUV	196.7640, -55.5927, 51.0730
Hunter-Lab	76.3513, 9.0840, 40.6931

Details

The HunterLab color **76.3513, 9.0840, 40.6931** 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 **55.6023, 7.3900, -66.4904**, and the grayscale version is **74.8302, -3.9928, 4.0657**.

A 20% lighter version of the original color is **94.0212, -15.5424, 42.5006**, and **54.0014, 8.8329, 32.2238** is the 20% darker color. If you saturate the color by 10%, you get **73.4010, 13.0077, 42.1692**, and if you desaturate by 10%, it is **79.4681, 5.6203, 38.1657**.

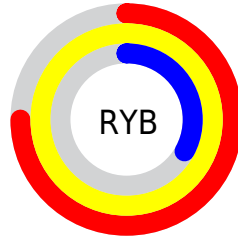
Distribution



Red (100%)

Green (74%)

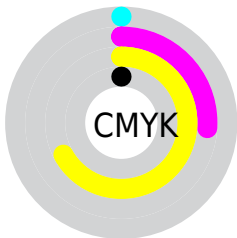
Blue (33%)



Red (75%)

Yellow (100%)

Blue (33%)

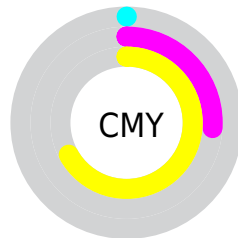


Cyan (0%)

Magenta (26%)

Yellow (67%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.3513, 9.0840, 40.6931 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 76.3513, 9.0840, 40.6931 by changing the saturation by 10% instead.

 76.3513, 9.0840,
40.6931


 76.3513, 9.0840,
40.6931


204.5228, 7.0668,
72.5015

 64.8447, 9.0441,
36.5525


 101.1716, 8.9690,
48.4868


 53.9807, 8.9381,
32.2113


 114.4267, 8.8314,
52.1835

 43.8020, 8.7537,
27.6396

 128.2149, 8.6444,
55.7709

 34.3582, 8.4797,
22.8549

 142.5163, 8.4113,
59.2636

 25.7117, 8.1012,
17.9982

 157.3132, 8.1347,
62.6736

 17.9443, 7.5972,
12.5610

172.5894, 7.8171,

 11.1698, 6.9378,

66.0110

7.8188

188.3304, 7.4605,
69.2845

■ 3.1639, 18.6843,
2.2148

0.0000, NaN, NaN

■ 76.3513, 9.0840,
40.6931

■ 76.3513, 9.0840,
40.6931

■ 73.4010, 13.0077,
42.1692

■ 79.4681, 5.6203,
38.1657

■ 70.6162, 17.3756,
42.6093

■ 82.7392, 2.6361,
34.6035

■ 67.9994, 22.1283,
42.1004

■ 86.1590, 0.1239,
30.0478

■ 67.2566, 23.5663,
41.8557

■ 89.7198, -1.9290,
24.5515

■ 93.4137, -3.5408,
18.1735

■ 97.2328, -4.7335,
10.9749

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.



76.3532, 39.2420, 34.5244



76.3513, 9.0840, 40.6931



76.3532, -20.4980, 40.2298

Triad

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



76.3532, 9.0803, 40.6939



76.3532, -51.8139, -14.0443



76.3532, 43.2031, -43.3684

Complementary

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



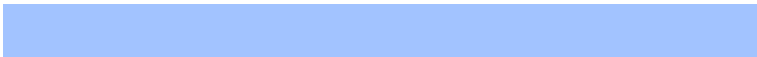
76.3513, 9.0840, 40.6931



55.6023, 7.3900, -66.4904

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.



76.3532, 13.8585, -69.2203



76.3513, 9.0840, 40.6931



76.3532, -39.4790, -48.2886

Square

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



76.3532, 9.0803, 40.6939



76.3532, -52.6847, 15.3064



76.3532, -16.4017, -71.3059



76.3532, 60.8957, -8.9795

Rectangle

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



76.3513, 9.0840, 40.6931



76.3532, -36.0319, 36.2459



76.3532, -16.4017, -71.3059



76.3532, 34.1850, -53.8387

Sweetspot

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



76.3532, 9.0803, 40.6939



92.3138, -3.1111, 20.1383



54.6636, 67.9713, 2.4663



42.2271, -1.2335, 10.1538

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.3532, 9.0803, 40.6939



72.5644, 14.2490, 42.4042



95.0365, -29.9805, 52.8031



44.5470, -2.0723, 5.9260



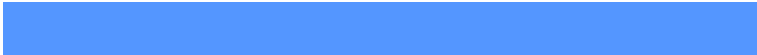
48.9228, 16.4059, 30.4332



15.9447, 3.7615, 9.8909

Inverse Universe

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



55.6023, 7.3900, -66.4904



48.8029, 14.6732, -84.6088



40.4150, 46.7520, -113.0694



43.0432, -2.4305, -1.4130



29.4018, 20.5952, -81.2090



10.2261, 4.0547, -21.5347

Previews

White Background



This preview shows how the HunterLab color 76.3513, 9.0840, 40.6931 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 76.3513, 9.0840, 40.6931 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 76.3513, 9.0840, 40.6931 Background



This preview shows how black text looks on a background with the HunterLab color 76.3513, 9.0840, 40.6931.



This preview shows how white text looks on a background with the HunterLab color 76.3513, 9.0840,

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

76.3513, 9.0840, 40.6931

Protanopia

76.3709, -8.8652, 39.7366

Deuteranopia

76.2956, 5.9606, 40.7578



Tritanopia

76.2614, 24.2767, 8.1926

Trichromacy



Original Color

76.3513, 9.0840, 40.6931

Protanomaly

76.3432, -2.7882, 39.9908

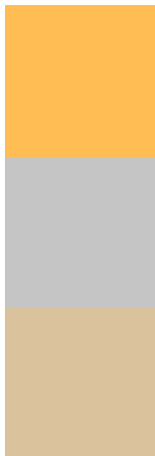
Deuteranomaly

76.2541, 7.2869, 40.7520

Tritanomaly

76.0532, 17.4233, 23.6743

Monochromacy



Original Color

76.3513, 9.0840, 40.6931

Achromatopsia

74.7222, -3.9870, 4.0598

Achromatomaly

74.7591, -1.4026, 21.0973

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.3513, 9.0840, 40.6931 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, 189, 84)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 84)  
}
```

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, 189, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 76.3513, 9.0840, 40.6931 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, 189, 84) }
```


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

```
.border{ border-color:rgb(255, 189, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 84);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
84) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.3513, 9.0840, 40.6931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 84) }
```

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

```
.background{ background-color: rgb(255,  
189, 84) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor