

Converting Colors

HunterLab(75.9568, 9.0003,
42.1762)

Have a look what the booklet for
HunterLab(75.9568, 9.0003,
42.1762) contains.

HunterLab(75.9568, 9.0003, 42.1762)	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(75.9568, 9.0003,
42.1762)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBC48
RGB	255, 188, 72
RGB Percent	100%, 74%, 28%
CMY	0.0000, 0.2627, 0.7176
CMYK	0.00, 0.26, 0.72, 0.00
HSL	38°, 100%, 64%
HSV	38°, 72%, 100%
XYZ	60.3930, 57.6944, 14.0839
YIQ	194.8090, 77.1680, -21.8720

Conversions

Conversions Part 2

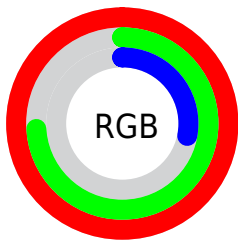
Format	Color
RYB	178, 255, 72
Decimal	16759880
CIELab	80.57, 13.60, 65.35
CIElCh	81, 66.752, 78.240
Yxy	57.6972, 0.4569, 0.4365
Android (android.graphics.Color)	4294949960 (0xFFFFBC48)
YUV	194.8090, -60.5448, 52.7875
Hunter-Lab	75.9568, 9.0003, 42.1762

Details

The HunterLab color **75.9568, 9.0003, 42.1762** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **52.0210, 11.7469, -75.5661**, and the grayscale version is **74.0192, -3.9495, 4.0216**.

A 20% lighter version of the original color is **93.5242, -16.0248, 44.8352**, and **53.6713, 8.9557, 33.1019** is the 20% darker color. If you saturate the color by 10%, you get **73.1915, 12.8715, 43.1893**, and if you desaturate by 10%, it is **78.8799, 5.5772, 40.1097**.

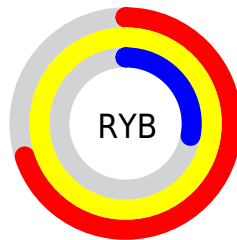
Distribution



Red (100%)

Green (74%)

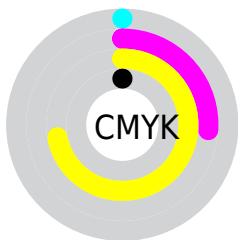
Blue (28%)



Red (70%)

Yellow (100%)

Blue (28%)

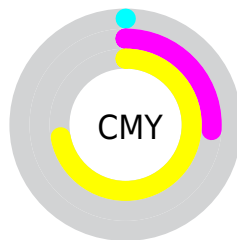


Cyan (0%)

Magenta (26%)

Yellow (72%)

Black (0%)



Cyan (0%)


Magenta (26%)

Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 75.9568, 9.0003, 42.1762 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 75.9568, 9.0003, 42.1762 by changing the saturation by 10% instead.


 75.9568, 9.0003,
42.1762


 75.9568, 9.0003,
42.1762

203.9747, 6.9679,
76.1582

 64.4711, 8.9620,
37.7356

 100.7382, 8.8818,
50.5299

 53.6293, 8.8576,
33.0822


 113.9751, 8.7425,
54.4874


 43.4743, 8.6746,
28.1909


 127.7458, 8.5538,
58.3242

 34.0560, 8.4020,
23.2796

 142.0304, 8.3190,
62.0555

 25.4375, 8.0245,
17.8063

 156.8110, 8.0407,
65.6944

 17.7012, 7.5210,
12.3909

172.0715, 7.7214,

 10.9624, 6.8611,

69.2517

7.6737

187.7971, 7.3632,
72.7370

■ 2.5124, 23.4622,
1.7587

0.0000, NaN, NaN

■ 75.9568, 9.0003,
42.1762

■ 75.9568, 9.0003,
42.1762

■ 73.1915, 12.8715,
43.1893

■ 78.8799, 5.5772,
40.1097

■ 70.5800, 17.1652,
43.1955

■ 81.9509, 2.6295,
36.9858

■ 68.5394, 20.9459,
42.6004

■ 85.1658, 0.1554,
32.8312

■ 88.5182, -1.8530,
27.6890

■ 92.0011, -3.4103,
21.6119

■ 95.6078, -4.5355,
14.6574

■ 99.3315, -5.2505,
6.8843

■ 99.9999, -5.3359,
5.4331

Harmonies

Analogous

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



75.9587, 41.8023, 36.2836



75.9568, 9.0003, 42.1762



75.9587, -22.5050, 41.5277

Triad

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



75.9587, 8.9966, 42.1769



75.9587, -54.4278, -16.7389



75.9587, 47.9437, -46.5672

Complementary

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



75.9568, 9.0003, 42.1762



52.0210, 11.7469, -75.5661

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.



75.9587, 16.3390, -75.9157



75.9568, 9.0003, 42.1762



75.9587, -41.0959, -54.3280

Square

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



75.9587, 8.9966, 42.1769



75.9587, -55.7240, 15.1996



75.9587, -16.2846, -79.2335



75.9587, 66.6690, -8.8947

Rectangle

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



75.9568, 9.0003, 42.1762



75.9587, -38.7489, 37.4020



75.9587, -16.2846, -79.2335



75.9587, 38.2529, -58.3056

Sweetspot

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



75.9587, 8.9966, 42.1769



91.9175, -3.3785, 21.7662



52.6898, 71.1674, 6.1833



42.0829, -1.3865, 10.8710

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.9587, 8.9966, 42.1769



72.0663, 14.6426, 43.3098



94.2921, -32.9600, 53.6699



44.6172, -2.1893, 6.0010



49.8407, 14.5441, 30.9662



16.2084, 3.2517, 10.0445

Inverse Universe

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



52.0210, 11.7469, -75.5661



44.8068, 21.2242, -97.2070



37.8997, 52.5222, -123.7299



42.9727, -2.3137, -1.5000



28.5564, 22.6763, -84.6448



9.9681, 4.6078, -22.4062

Previews

White Background



This preview shows how the HunterLab color 75.9568, 9.0003, 42.1762 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 75.9568, 9.0003, 42.1762 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 75.9568, 9.0003, 42.1762 Background



This preview shows how black text looks on a background with the HunterLab color 75.9568, 9.0003, 42.1762.



This preview shows how white text looks on a background with the HunterLab color 75.9568, 9.0003,

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

75.9568, 9.0003, 42.1762

Protanopia

76.1375, -9.9511, 41.5577

Deuteranopia

75.8985, 5.8768, 42.2144



Tritanopia

75.9369, 24.5214, 8.7364

Trichromacy



Original Color

75.9568, 9.0003, 42.1762

Protanomaly

75.9187, -2.9846, 41.6689

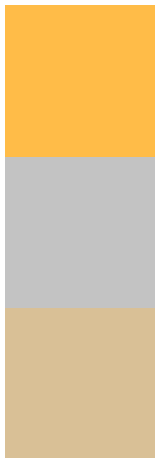
Deuteranomaly

75.8588, 7.2064, 42.2108

Tritanomaly

75.6737, 17.3999, 24.9832

Monochromacy



Original Color

75.9568, 9.0003, 42.1762

Achromatopsia

73.8732, -3.9417, 4.0137

Achromatomaly

73.9277, -1.4763, 22.3870

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.9568, 9.0003, 42.1762 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, 188, 72)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 72)  
}
```

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, 188, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 75.9568, 9.0003, 42.1762 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, 188, 72) }
```


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

```
.border{ border-color:rgb(255, 188, 72) }
```

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

Here you see how a box with a 4 pixel rgb(255, 188, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 72);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
72) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.9568, 9.0003, 42.1762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 72) }
```

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

```
.background{ background-color: rgb(255,  
188, 72) }
```

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