

Converting Colors

HunterLab(87.4066, 47.5529,
45.7707)

Have a look what the booklet for
HunterLab(87.4066, 47.5529,
45.7707) contains.

HunterLab(75.7478, 11.8894, 36.6324)	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(75.7478, 11.8894,
36.6324)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBA68
RGB	255, 186, 104
RGB Percent	100%, 73%, 41%
CMY	0.0000, 0.2706, 0.5921
CMYK	0.00, 0.27, 0.59, 0.00
HSL	33°, 100%, 70%
HSV	33°, 59%, 100%
XYZ	61.2976, 57.3773, 20.9409
YIQ	197.2830, 67.4460, -10.8740

Conversions

Conversions Part 2

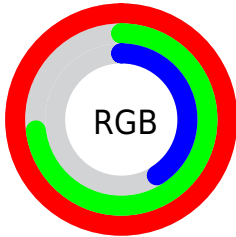
Format	Color
R _Y B	231, 255, 104
Decimal	16759400
CIE Lab	80.39, 16.50, 50.75
CIE LCh	80, 53.364, 71.984
Yxy	57.3801, 0.4390, 0.4110
Android (android.graphics.Color)	4294949480 (0xFFFFBA68)
YUV	197.2830, -45.9885, 50.6178
Hunter-Lab	75.7478, 11.8894, 36.6324

Details

The HunterLab color **75.7478, 11.8894, 36.6324** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **63.2838, -1.5835, -49.6692**, and the grayscale version is **75.0130, -4.0025, 4.0756**.

A 20% lighter version of the original color is **93.3802, -12.2546, 37.0727**, and **53.5109, 11.5520, 29.4435** is the 20% darker color. If you saturate the color by 10%, you get **72.2682, 16.3884, 38.8271**, and if you desaturate by 10%, it is **79.4294, 7.8621, 33.4477**.

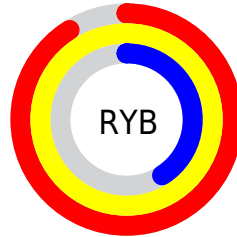
Distribution



Red (100%)

Green (73%)

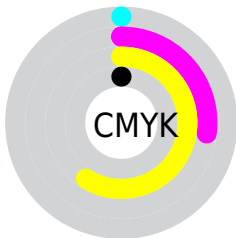
Blue (41%)



Red (91%)

Yellow (100%)

Blue (41%)

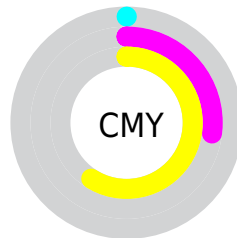


Cyan (0%)

Magenta (27%)

Yellow (59%)

Black (0%)



Cyan (0%)


Magenta (27%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 75.7478, 11.8894, 36.6324 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 75.7478, 11.8894, 36.6324 by changing the saturation by 10% instead.


 75.7478, 11.8894,
36.6324

 75.7478, 11.8894,
36.6324


203.6841, 10.8584,
64.0605


 64.2732, 11.7183,
33.0999


 100.5085, 12.0207,
43.2969

 53.4432, 11.4745,
29.3964


 113.7358, 11.9992,
46.4685

 43.3008, 11.1449,
25.4884

 127.4972, 11.9243,
49.5543

 33.8961, 10.7172,
21.3365

 141.7729, 11.7996,
52.5666

 25.2924, 10.1751,
17.4336

156.5448, 11.6281,
55.5156

 17.5727, 9.4967,
12.3009

171.7969, 11.4126,

 10.8529, 8.6531,

58.4097

7.5970

187.5145, 11.1553,
61.2559

■ 2.0856, 34.3712,
1.4599

0.0000, NaN, NaN

■ 75.7478, 11.8894,
36.6324

■ 75.7478, 11.8894,
36.6324

■ 72.2682, 16.3884,
38.8271

■ 79.4294, 7.8621,
33.4477

■ 68.9974, 21.3541,
39.9952

■ 83.2943, 4.3155,
29.3268

■ 65.9482, 26.7412,
40.1453

■ 87.3315, 1.2324,
24.3371

■ 63.1238, 32.4541,
39.4107

■ 91.5285, -1.4083,
18.5485

62.9101, 32.9064,
39.3410

95.8737, -3.6321,
12.0299

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.



75.7497, 36.3890, 29.3501



75.7478, 11.8894, 36.6324



75.7497, -14.0562, 37.2445

Triad

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



75.7497, 11.8858, 36.6332



75.7497, -46.6544, -6.3244



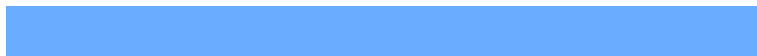
75.7497, 32.0058, -39.9143

Complementary

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



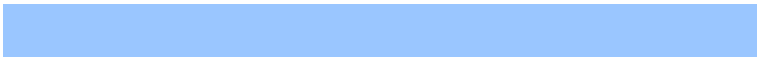
75.7478, 11.8894, 36.6324



63.2838, -1.5835, -49.6692

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.



75.7497, 6.5129, -57.9445



75.7478, 11.8894, 36.6324



75.7497, -37.4523, -34.6396

Square

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



75.7497, 11.8858, 36.6332



75.7497, -45.6193, 17.2933



75.7497, -18.7608, -55.7439



75.7497, 49.0309, -11.9404

Rectangle

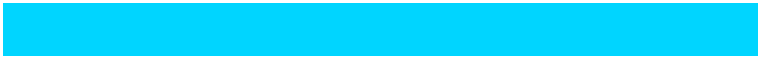
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7478, 11.8894, 36.6324



75.7497, -28.5312, 34.1844



75.7497, -18.7608, -55.7439



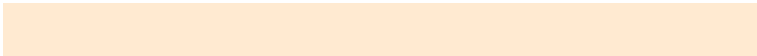
75.7497, 24.0083, -47.7013

Sweetspot

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



75.7497, 11.8858, 36.6332



92.0488, -1.7001, 17.7944



58.5109, 61.9661, -3.6813



42.0112, -0.4583, 9.0601

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.7497, 11.8858, 36.6332



71.6686, 17.2418, 39.1114



96.3519, -24.7241, 50.8793



44.2965, -1.6532, 5.6575



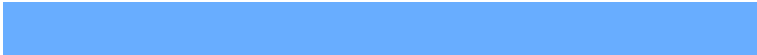
45.8065, 23.0483, 28.6292



15.0385, 5.5892, 9.3645

Inverse Universe

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



63.2838, -1.5835, -49.6692



57.1644, 2.6078, -62.8555



45.1382, 36.9213, -95.8084



43.2956, -2.8481, -1.1020



32.6366, 13.2813, -69.4635



11.1909, 2.1219, -18.5682

Previews

White Background



This preview shows how the HunterLab color 75.7478, 11.8894, 36.6324 looks on a white background.

Color Contrast Check

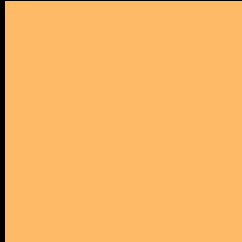
Large Text (above 18pt) WCAG AA × Fail

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 75.7478, 11.8894, 36.6324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

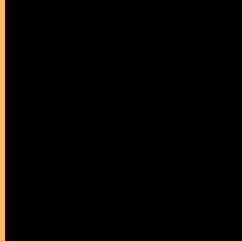
Any Text WCAG AA ✓ Pass

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 75.7478, 11.8894, 36.6324 Background



This preview shows how black text looks on a background with the HunterLab color 75.7478, 11.8894, 36.6324.



This preview shows how white text looks on a background with the HunterLab color 75.7478, 11.8894,

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

75.7478, 11.8894, 36.6324

Protanopia

75.9133, -8.3910, 35.3307

Deuteranopia

75.6430, 5.7132, 36.6530



Tritanopia

75.6715, 25.0632, 8.4474

Trichromacy



Original Color

75.7478, 11.8894, 36.6324

Protanomaly

75.7729, -1.2164, 35.7856

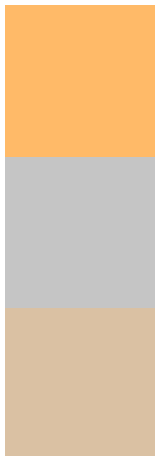
Deuteranomaly

75.8381, 7.8289, 36.8362

Tritanomaly

75.6433, 19.1820, 21.2372

Monochromacy



Original Color

75.7478, 11.8894, 36.6324

Achromatopsia

74.7222, -3.9870, 4.0598

Achromatomaly

74.6255, -0.0083, 18.4541

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.7478, 11.8894, 36.6324 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, 186, 104)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 104)  
}
```

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, 186, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 75.7478, 11.8894, 36.6324 is called "border". The border property can be set on classes, ids or directly on the HTML element.

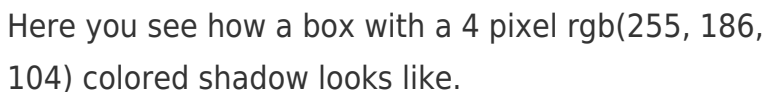
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 186, 104) }
```


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

```
.border{ border-color:rgb(255, 186, 104) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 186, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 104);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.7478, 11.8894, 36.6324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 104) }
```

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

```
.background{ background-color: rgb(255,  
186, 104) }
```

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