

# Converting Colors

HunterLab(76.1325, 12.0523,  
33.4795)

Have a look what the booklet for  
HunterLab(76.1325, 12.0523,  
33.4795) contains.

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# Color

**HunterLab(76.1206, 12.1139,  
33.5233)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE <sup>B</sup> B77
RGB	254, 187, 119
RGB Percent	100%, 73%, 47%
CMY	0.0039, 0.2666, 0.5333
CMYK	0.00, 0.26, 0.53, 0.00
HSL	30°, 99%, 73%
HSV	30°, 53%, 100%
XYZ	61.9732, 57.9435, 25.3707
YIQ	199.2810, 61.7600, -6.9440

# Conversions

## Conversions Part 2

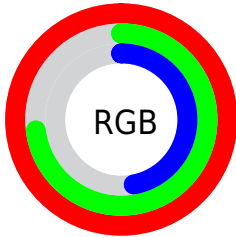
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	252, 254, 119
Decimal	16694135
CIE <sub>Lab</sub>	80.71, 16.72, 43.67
CIE <sub>LCh</sub>	81, 46.760, 69.044
Yxy	57.9463, 0.4266, 0.3988
Android (android.graphics.Color)	4294884215 (0xFFFE <sub>BB77</sub> )
YUV	199.2810, -39.5785, 47.9886
Hunter-Lab	76.1206, 12.1139, 33.5233

# Details

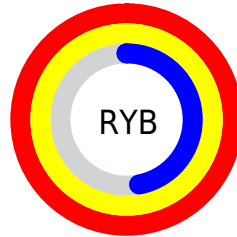
The HunterLab color **76.1206, 12.1139, 33.5233** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67.9659, -5.8634, -40.0188**, and the grayscale version is **75.8386, -4.0466, 4.1205**.

A 20% lighter version of the original color is **93.9892, -11.1492, 33.0999**, and **53.8045, 11.4982, 27.1511** is the 20% darker color. If you saturate the color by 10%, you get **72.3184, 16.8220, 36.2513**, and if you desaturate by 10%, it is **80.1409, 7.8757, 29.8802**.

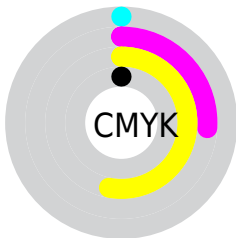
# Distribution



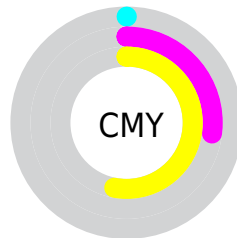
- Red (100%)
- Green (73%)
- Blue (47%)



- Red (99%)
- Yellow (100%)
- Blue (47%)



- Cyan (0%)
- Magenta (26%)
- Yellow (53%)
- Black (0%)




- Cyan (0%)
- Magenta (27%)
- Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.1206, 12.1139, 33.5233 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 76.1206, 12.1139, 33.5233 by changing the saturation by 10% instead.





 76.1206, 12.1139,  
33.5233


 76.1206, 12.1139,  
33.5233


204.2023, 11.1435,  
57.8137


 64.6262, 11.9353,  
30.4377


 100.9181, 12.2599,  
39.3689

 53.7752, 11.6837,  
27.2094


 114.1626, 12.2454,  
42.1630

 43.6103, 11.3462,  
23.8065

 127.9406, 12.1774,  
44.8896

 34.1814, 10.9104,  
20.1875

142.2322, 12.0594,  
47.5590

 25.5513, 10.3602,  
16.3805

157.0195, 11.8944,  
50.1797

 17.8021, 9.6738,  
12.4614

172.2865, 11.6853,

 11.0484, 8.8229,

52.7586

7.7338

188.0186, 11.4343,  
55.3016

■ 2.8015, 25.8632,  
1.9610

0.0000, NaN, NaN

■ 76.1206, 12.1139,  
33.5233

■ 76.1206, 12.1139,  
33.5233

■ 72.3184, 16.8220,  
36.2513

■ 80.1409, 7.8757,  
29.8802

■ 68.7458, 22.0028,  
38.0015

■ 84.3569, 4.1094,  
25.3917

■ 65.4214, 27.6200,  
38.7418

■ 88.7547, 0.7919,  
20.1342

■ 62.3593, 33.6055,  
38.4938

■ 93.3196, -2.1023,  
14.1809

60.4123, 37.8347,  
37.8882

98.0383, -4.6019,  
7.6006

99.9053, -5.6652,  
5.3160

# Harmonies

## Analogous

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



76.1225, 32.7156, 25.8571



76.1206, 12.1139, 33.5233



76.1225, -10.7779, 34.7095

# Triad

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



76.1225, 12.1104, 33.5242



76.1225, -42.4080, -2.6461



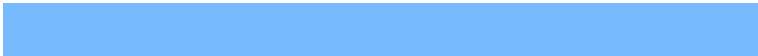
76.1225, 25.2916, -35.4684

# Complementary

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



76.1206, 12.1139, 33.5233



67.9659, -5.8634, -40.0188

# 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.



76.1225, 2.8872, -49.0383



76.1206, 12.1139, 33.5233



76.1225, -34.9655, -26.7712

# Square

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



76.1225, 12.1104, 33.5242



76.1225, -40.5495, 17.4968



76.1225, -18.9947, -45.4598



76.1225, 40.9214, -12.1759



# Rectangle

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



76.1206, 12.1139, 33.5233



76.1225, -24.0374, 32.1509



76.1225, -18.9947, -45.4598



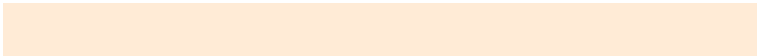
76.1225, 18.2040, -41.5873

# Sweetspot

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



76.1225, 12.1104, 33.5242



92.4124, -1.3235, 16.0187



61.5073, 56.0007, -6.1685



42.3157, -0.3399, 7.9879

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.1225, 12.1104, 33.5242



72.3227, 17.3289, 36.6052



96.5848, -21.8308, 48.4188



44.1581, -1.4205, 5.5085



44.2007, 26.6896, 27.7035

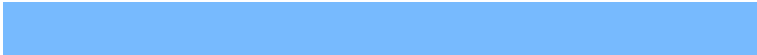


14.5629, 6.6005, 9.0892



# Inverse Universe

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



67.9659, -5.8634, -40.0188



62.6826, -3.3431, -50.9210



49.2667, 30.0662, -81.9581



43.4359, -3.0791, -0.9300



34.5551, 9.3451, -63.3642



11.7510, 1.0830, -17.0257



# Previews

## White Background



This preview shows how the HunterLab color 76.1206, 12.1139, 33.5233 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

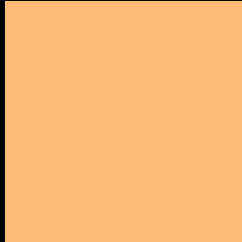
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 76.1206, 12.1139, 33.5233 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

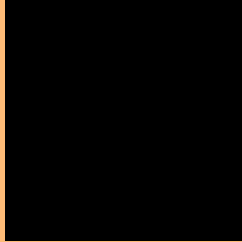
Any Text WCAG AA ✓ Pass

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 76.1206, 12.1139, 33.5233 Background



This preview shows how black text looks on a background with the HunterLab color 76.1206, 12.1139, 33.5233.



This preview shows how white text looks on a background with the HunterLab color 76.1206, 12.1139,



# 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

76.1206, 12.1139, 33.5233

### Protanopia

76.3470, -7.9668, 32.0966

### Deuteranopia

76.0281, 5.9628, 33.5864



## Tritanopia

75.9952, 24.8190, 7.9007

# Trichromacy



**Original Color**

76.1206, 12.1139, 33.5233

**Protanomaly**

76.1845, -0.8699, 32.6000

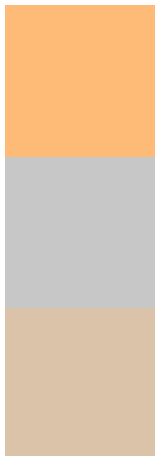
**Deuteranomaly**

76.2177, 8.0623, 33.7732

**Tritanomaly**

76.0790, 19.5001, 19.1058

# Monochromacy



**Original Color**

76.1206, 12.1139, 33.5233

**Achromatopsia**

75.5728, -4.0324, 4.1060

**Achromatomaly**

75.4934, 0.2581, 16.6556

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.1206, 12.1139, 33.5233 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(254, 187, 119)` looks like.

```
.text, #text, p{  
    color:rgb(254, 187, 119)  
}
```

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(254, 187, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 187, 119) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.1206, 12.1139, 33.5233 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(254, 187, 119) }
```



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

```
.border{ border-color:rgb(254, 187, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 187, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 187, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 187, 119);  
box-shadow:4px 4px 4px 4px rgb(254, 187,  
119) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.1206, 12.1139, 33.5233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 187, 119) }
```

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

```
.background{ background-color: rgb(254,  
187, 119) }
```

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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