

# Converting Colors

HunterLab(77.5442, 10.2670,  
34.2530)

Have a look what the booklet for  
HunterLab(77.5442, 10.2670,  
34.2530) contains.

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# Color

**HunterLab(77.6787, 10.0746,  
34.2346)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC079
RGB	255, 192, 121
RGB Percent	100%, 75%, 47%
CMY	0.0000, 0.2470, 0.5255
CMYK	0.00, 0.25, 0.53, 0.00
HSL	32°, 100%, 74%
HSV	32°, 53%, 100%
XYZ	63.5409, 60.3398, 26.3870
YIQ	202.7430, 60.3390, -8.7250

# Conversions

## Conversions Part 2

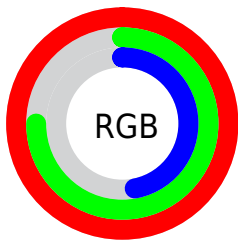
Format	Color
<a href="#">RYB</a>	<a href="#">240, 255, 121</a>
Decimal	<a href="#">16760953</a>
CIELab	<a href="#">82.02, 14.68, 44.31</a>
CIELCh	<a href="#">82, 46.681, 71.671</a>
Yxy	<a href="#">60.3427, 0.4228, 0.4016</a>
Android (android.graphics.Color)	<a href="#">4294951033</a> ( <a href="#">0xFFFFC079</a> )
YUV	<a href="#">202.7430, -40.2993, 45.8294</a>
Hunter-Lab	<a href="#">77.6787, 10.0746, 34.2346</a>

# Details

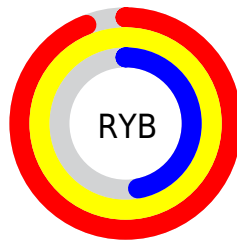
The HunterLab color **77.6787, 10.0746, 34.2346** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67.5012, -4.2198, -41.5789**, and the grayscale version is **77.3191, -4.1256, 4.2009**.

A 20% lighter version of the original color is **95.6504, -13.3445, 33.5657**, and **55.2354, 9.4767, 27.9820** is the 20% darker color. If you saturate the color by 10%, you get **73.9903, 14.4299, 37.0733**, and if you desaturate by 10%, it is **81.5684, 6.1918, 30.4545**.

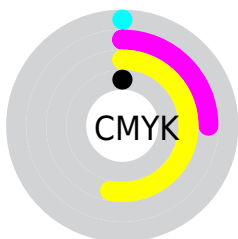
# Distribution



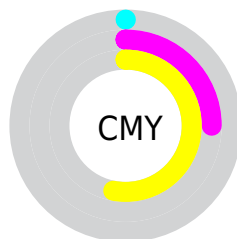
- Red (100%)
- Green (75%)
- Blue (47%)



- Red (94%)
- Yellow (100%)
- Blue (47%)



- Cyan (0%)
- Magenta (25%)
- Yellow (53%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.6787, 10.0746, 34.2346 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 77.6787, 10.0746, 34.2346 by changing the saturation by 10% instead.





 77.6787, 10.0746,  
34.2346

 77.6787, 10.0746,  
34.2346

206.3637, 8.3503,  
58.7366

 66.1022, 9.9973,  
31.1258

 102.6288, 10.0313,  
40.1281

 55.1641, 9.8524,  
27.8754

 115.9447, 9.9279,  
42.9464

 44.9063, 9.6277,  
24.4524


 129.7913, 9.7741,  
45.6969

 35.3774, 9.3121,  
20.8163

144.1491, 9.5733,  
48.3901

 26.6380, 8.8906,  
16.9503

159.0004, 9.3282,  
51.0342

 18.7673, 8.3427,  
13.1371

174.3293, 9.0413,

 11.8744, 7.6397,

53.6363

8.3121

190.1215, 8.7147,  
56.2021

■ 4.7337, 13.2606,  
3.3136

0.0000, NaN, NaN

■ 77.6787, 10.0746,  
34.2346

■ 77.6787, 10.0746,  
34.2346

■ 73.9903, 14.4299,  
37.0733

■ 81.5684, 6.1918,  
30.4545

■ 70.5117, 19.2639,  
38.9137

■ 85.6395, 2.7819,  
25.7974

■ 67.2586, 24.5478,  
39.7297

■ 89.8802, -0.1782,  
20.3360

■ 64.2421, 30.2249,  
39.5461

■ 94.2777, -2.7133,  
14.1411

62.1468, 34.6279,  
38.9008

98.8205, -4.8511,  
7.2802

100.0000, -5.3359,  
5.4331

# Harmonies

## Analogous

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



77.6806, 31.2479, 27.0926



77.6787, 10.0746, 34.2346



77.6806, -12.7893, 34.9079

# Triad

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



77.6806, 10.0711, 34.2355



77.6806, -42.4667, -4.6558



77.6806, 27.0787, -33.6563

# Complementary

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



77.6787, 10.0746, 34.2346



67.5012, -4.2198, -41.5789

# 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.



77.6806, 4.8863, -48.4670



77.6787, 10.0746, 34.2346



77.6806, -34.1601, -28.7825

# Square

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



77.6806, 10.0711, 34.2355



77.6806, -41.4184, 16.1940



77.6806, -17.4145, -46.4637



77.6806, 41.8182, -10.0075



# Rectangle

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



77.6787, 10.0746, 34.2346



77.6806, -25.7792, 31.9319



77.6806, -17.4145, -46.4637



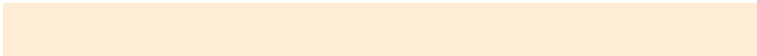
77.6806, 20.1420, -40.1025

# Sweetspot

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



77.6806, 10.0711, 34.2355



92.7429, -1.8845, 16.3582



62.0246, 55.2541, -5.0960



42.4875, -0.6326, 8.1617

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



77.6806, 10.0711, 34.2355



73.8285, 14.6382, 37.1784



96.8190, -22.6158, 48.1855



44.2500, -1.5752, 5.6075



45.2579, 24.2742, 28.3127

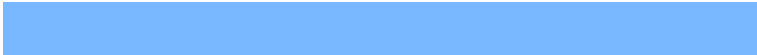


14.8768, 5.9287, 9.2708

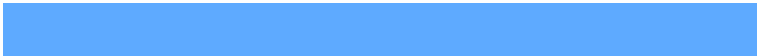


# Inverse Universe

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



67.5012, -4.2198, -41.5789



61.9030, -1.4868, -52.4958



50.1235, 30.1231, -80.4958



43.3427, -2.9256, -1.0443



33.2707, 11.9511, -67.3845



11.3768, 1.7709, -18.0430



# Previews

## White Background



This preview shows how the HunterLab color 77.6787, 10.0746, 34.2346 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

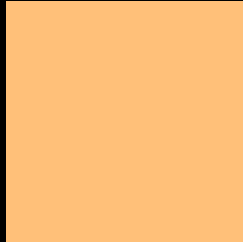
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 77.6787, 10.0746, 34.2346 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

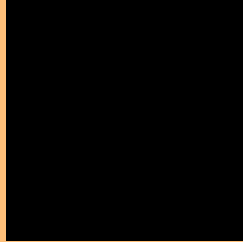
Any Text WCAG AA ✓ Pass

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 77.6787, 10.0746, 34.2346 Background



This preview shows how black text looks on a background with the HunterLab color 77.6787, 10.0746, 34.2346.



This preview shows how white text looks on a background with the HunterLab color 77.6787, 10.0746,



# 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

77.6787, 10.0746, 34.2346

### Protanopia

77.7046, -7.8240, 32.6833

### Deuteranopia

77.6806, 5.6462, 34.4028



## Tritanopia

77.7528, 22.3199, 7.5619

# Trichromacy



**Original Color**

77.6787, 10.0746, 34.2346

**Protanomaly**

77.7341, -1.5794, 33.3275

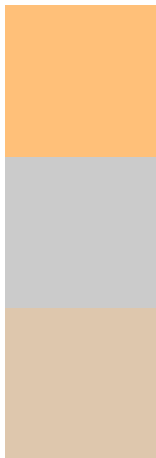
**Deuteranomaly**

77.7489, 7.3514, 34.4866

**Tritanomaly**

77.5427, 17.3319, 19.0066

# Monochromacy



**Original Color**

77.6787, 10.0746, 34.2346

**Achromatopsia**

77.2788, -4.1234, 4.1987

**Achromatomaly**

77.0672, -0.3209, 17.0673

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.6787, 10.0746, 34.2346 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, 192, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 121)  
}
```

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, 192, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 121) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.6787, 10.0746, 34.2346 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, 192, 121) }
```



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

```
.border{ border-color:rgb(255, 192, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
121) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.6787, 10.0746, 34.2346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 121) }
```

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

```
.background{ background-color: rgb(255,  
192, 121) }
```

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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