

# Converting Colors

HunterLab(78.4271, 15.9130,  
19.2349)

Have a look what the booklet for  
HunterLab(78.4271, 15.9130,  
19.2349) contains.

<b>HunterLab(78.4220, 15.9852, 19.0952)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(78.4220, 15.9852,  
19.0952)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBFAC
RGB	255, 191, 172
RGB Percent	100%, 75%, 67%
CMY	0.0000, 0.2510, 0.3255
CMYK	0.00, 0.25, 0.33, 0.00
HSL	14°, 100%, 84%
HSV	14°, 33%, 100%
XYZ	67.3171, 61.5001, 47.3524
YIQ	207.9700, 44.2430, 7.6590

# Conversions

## Conversions Part 2

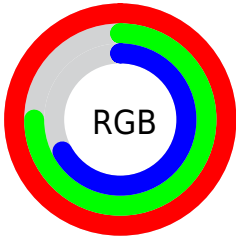
Format	Color
R <sub>Y</sub> B	255, 197, 172
Decimal	16760748
CIE Lab	82.65, 20.48, 18.55
CIE LCh	83, 27.639, 42.171
Yxy	61.5030, 0.3821, 0.3491
Android (android.graphics.Color)	4294950828 (0xFFFFBFAC)
YUV	207.9700, -17.7332, 41.2453
Hunter-Lab	78.4220, 15.9852, 19.0952

# Details

The HunterLab color **78.4220, 15.9852, 19.0952** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.1659, -19.3140, -10.9789**, and the grayscale version is **79.4691, -4.2403, 4.3177**.

A 20% lighter version of the original color is **96.9231, -6.3102, 15.1574**, and **55.7832, 15.5330, 15.7590** is the 20% darker color. If you saturate the color by 10%, you get **72.5310, 23.4282, 22.7062**, and if you desaturate by 10%, it is **84.6981, 8.9700, 15.1592**.

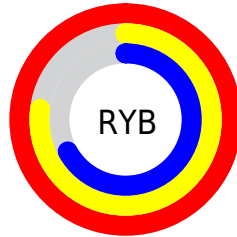
# Distribution



Red (100%)

Green (75%)

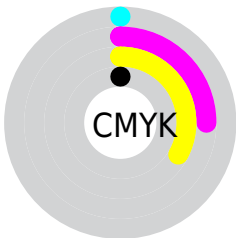
Blue (67%)



Red (100%)

Yellow (77%)

Blue (67%)

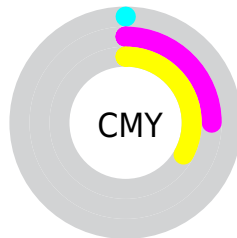


Cyan (0%)

Magenta (25%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (25%)


Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.4220, 15.9852, 19.0952 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 78.4220, 15.9852, 19.0952 by changing the saturation by 10% instead.




 78.4220, 15.9852,  
19.0952

 78.4220, 15.9852,  
19.0952


207.3923, 16.1903,  
32.9200

 66.8066, 15.6552,  
17.5140


 103.4441, 16.4197,  
22.2040

 55.8275, 15.2464,  
15.9015


116.7938, 16.5427,  
23.7406

 45.5259, 14.7457,  
14.2467


130.6728, 16.6080,  
25.2712

 35.9499, 14.1406,  
12.5318

145.0619, 16.6197,  
26.7987

 27.1591, 13.4153,  
10.7299

159.9435, 16.5810,  
28.3257

 19.2314, 12.5496,  
8.7982


175.3018, 16.4948,

 12.2734, 11.5212,


29.8539


7.4928


191.1225, 16.3639,  
31.3849


 5.4147, 16.1955,  
3.7903


0.0000, NaN, NaN


 78.4220, 15.9852,  
19.0952


 78.4220, 15.9852,  
19.0952


 72.5310, 23.4282,  
22.7062


 84.6981, 8.9700,  
15.1592

 67.0780, 31.2835,  
25.8915

 91.3041, 2.3812,  
10.9685

 62.1323, 39.4610,  
28.5308

 98.2004, -3.8150,  
6.5787

 57.7673, 47.7817,  
30.4851

100.0000, -5.3358,  
5.4332

■ 54.0574, 55.9475,  
31.6213

■ 51.0660, 63.5361,  
31.8636

■ 49.3209, 68.4895,  
31.5904

# Harmonies

## Analogous

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



78.4238, 22.8192, 9.2960



78.4220, 15.9852, 19.0952



78.4238, 3.9145, 24.3173

# Triad

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



78.4238, 15.9820, 19.0964



78.4238, -27.3912, 11.4560



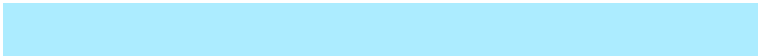
78.4238, 1.3565, -23.8930

# Complementary

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



78.4220, 15.9852, 19.0952



87.1659, -19.3140, -10.9789

# 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.



78.4238, -11.9757, -23.0491



78.4220, 15.9852, 19.0952



78.4238, -27.9736, -1.1148

# Square

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



78.4238, 15.9820, 19.0964



78.4238, -20.8579, 20.4466



78.4238, -22.5066, -14.1740



78.4238, 14.0006, -16.3151



# Rectangle

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



78.4220, 15.9852, 19.0952



78.4238, -5.1690, 25.1441



78.4238, -22.5066, -14.1740



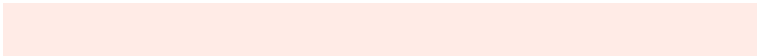
78.4238, -3.2036, -24.6164

# Sweetspot

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



78.4238, 15.9820, 19.0964



93.0355, 0.7663, 9.8668



75.4195, 36.7218, -15.8800



42.5997, 0.7651, 4.8466

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



78.4238, 15.9820, 19.0964



74.5749, 20.7368, 21.4683



90.3668, -5.2589, 29.9835



43.1992, 0.2106, 4.4651



35.9092, 48.7138, 22.9799

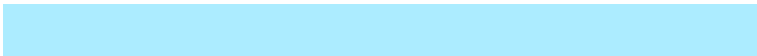


11.8828, 13.2041, 7.5533



# Inverse Universe

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



87.1659, -19.3140, -10.9789



84.9028, -21.1863, -14.1215



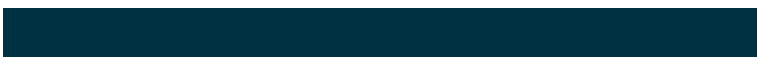
74.3327, 1.2604, -29.6365



44.4236, -4.6856, 0.2649



49.7822, -15.6340, -28.4741



16.0522, -5.5955, -7.9848



# Previews

## White Background



This preview shows how the HunterLab color 78.4220, 15.9852, 19.0952 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

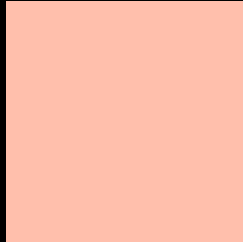
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 78.4220, 15.9852, 19.0952 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

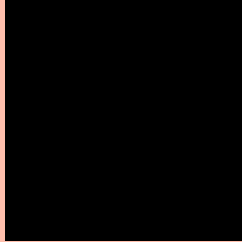
Any Text WCAG AA ✓ Pass

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 78.4220, 15.9852, 19.0952 Background



This preview shows how black text looks on a background with the HunterLab color 78.4220, 15.9852, 19.0952.



This preview shows how white text looks on a background with the HunterLab color 78.4220, 15.9852,



# 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

78.4220, 15.9852, 19.0952

### Protanopia

78.4323, -4.6044, 16.0099

### Deuteranopia

78.4255, 5.7017, 19.2979



## Tritanopia

78.3859, 21.6951, 6.8842

# Trichromacy



**Original Color**

78.4220, 15.9852, 19.0952

**Protanomaly**

78.2727, 2.4151, 17.1606

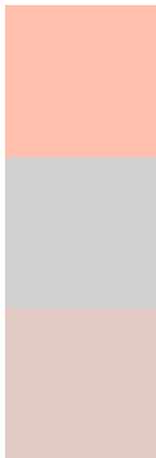
**Deuteranomaly**

78.2327, 9.5157, 19.1741

**Tritanomaly**

78.3409, 19.5094, 11.7461

# Monochromacy



**Original Color**

78.4220, 15.9852, 19.0952

**Achromatopsia**

79.4202, -4.2377, 4.3151

**Achromatomaly**

78.8598, 2.3831, 9.8175

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 78.4220, 15.9852, 19.0952 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, 191, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 172)  
}
```

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, 191, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 172) }
```

## Border

The CSS property to change the border of an element to HunterLab 78.4220, 15.9852, 19.0952 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, 191, 172) }
```



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

```
.border{ border-color:rgb(255, 191, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
172) }
```

# Background

The CSS property to change the background color of an element to HunterLab 78.4220, 15.9852, 19.0952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 172) }
```

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

```
.background{ background-color: rgb(255,  
191, 172) }
```

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