

# Converting Colors

HunterLab(79.8992, 5.0682,  
18.9409)

Have a look what the booklet for  
HunterLab(79.8992, 5.0682,  
18.9409) contains.

<b>HunterLab(79.9380, 5.0113, 18.8804)</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(79.9380, 5.0113,  
18.8804)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F0CAB0
RGB	240, 202, 176
RGB Percent	94%, 79%, 69%
CMY	0.0588, 0.2078, 0.3098
CMYK	0.00, 0.16, 0.27, 0.06
HSL	24°, 68%, 82%
HSV	24°, 27%, 94%
XYZ	64.8921, 63.9008, 49.9881
YIQ	210.3980, 30.9940, -0.0300

# Conversions

## Conversions Part 2

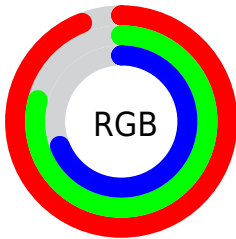
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 220, 176
Decimal	15780528
CIE Lab	83.92, 9.61, 17.98
CIE LCh	84, 20.384, 61.887
Yxy	63.9038, 0.3630, 0.3574
Android (android.graphics.Color)	4293970608 (0xFFFF0CAB0)
YUV	210.3980, -16.9582, 25.9610
Hunter-Lab	79.9380, 5.0113, 18.8804

# Details

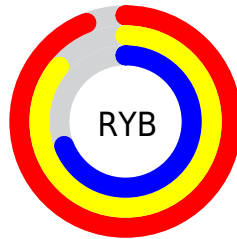
The HunterLab color **79.9380, 5.0113, 18.8804** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.7575, -10.4891, -12.3202**, and the grayscale version is **80.5134, -4.2960, 4.3744**.

A 20% lighter version of the original color is **99.3007, -9.1806, 15.4448**, and **57.1639, 5.1744, 15.8789** is the 20% darker color. If you saturate the color by 10%, you get **75.2697, 9.4620, 23.1468**, and if you desaturate by 10%, it is **84.8160, 0.9571, 14.0811**.

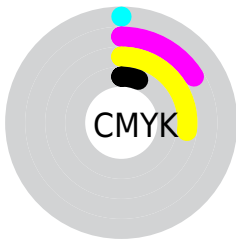
# Distribution



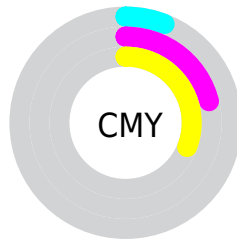
- Red (94%)
- Green (79%)
- Blue (69%)



- Red (94%)
- Yellow (86%)
- Blue (69%)



- Cyan (0%)
- Magenta (16%)
- Yellow (27%)
- Black (6%)




- Cyan (6%)
- Magenta (21%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.9380, 5.0113, 18.8804 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 79.9380, 5.0113, 18.8804 by changing the saturation by 10% instead.





 79.9380, 5.0113,  
18.8804

 79.9380, 5.0113,  
18.8804

209.4856, 1.4691,  
32.4787

 68.2442, 5.1783,  
17.3338


 105.1058, 4.5132,  
21.9278

 57.1822, 5.2897,  
15.7595

118.5237, 4.1953,  
23.4369

 46.7923, 5.3360,  
14.1475


132.4684, 3.8348,  
24.9415

 37.1213, 5.3088,  
12.4816

146.9209, 3.4341,  
26.4446

 28.2272, 5.1967,  
10.7373

161.8637, 2.9954,  
27.9482

 20.1850, 4.9835,  
8.8757

177.2814, 2.5206,

 13.0967, 4.6448,

29.4542

7.2643

193.1596, 2.0113,  
30.9639

■ 6.5840, 6.0053,  
4.6088

0.0000, NaN, NaN

■ 79.9380, 5.0113,  
18.8804

■ 79.9380, 5.0113,  
18.8804

■ 75.2697, 9.4620,  
23.1468

■ 84.8160, 0.9571,  
14.0811

■ 70.8285, 14.3397,  
26.7997

■ 89.8781, -2.7209,  
8.8134

■ 66.6416, 19.6519,  
29.7560

■ 95.1087, -6.0569,  
3.1371

■ 62.7370, 25.3881,  
31.9300

■ 98.6232, -10.1589,  
3.7173

■ 59.1442, 31.5065,  
33.2452

■ 55.8926, 37.9204,  
33.6550

■ 53.0080, 44.4815,  
33.1850

■ 52.1256, 46.6404,  
32.9361

# Harmonies

## Analogous

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



79.9398, 12.7476, 13.4361



79.9380, 5.0113, 18.8804



79.9398, -4.9029, 20.5806

# Triad

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



79.9398, 5.0085, 18.8816



79.9398, -22.6206, 3.7457



79.9398, 6.1595, -12.8183

# Complementary

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



79.9380, 5.0113, 18.8804



79.7575, -10.4891, -12.3202

# 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.



79.9398, -3.6345, -16.2085



79.9380, 5.0113, 18.8804



79.9398, -19.9727, -5.9432

# Square

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



79.9398, 5.0085, 18.8816



79.9398, -20.5560, 12.5111



79.9398, -13.1431, -13.5515



79.9398, 13.4348, -4.7710



# Rectangle

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



79.9380, 5.0113, 18.8804



79.9398, -11.3226, 19.5519



79.9398, -13.1431, -13.5515



79.9398, 3.0366, -14.5821

# Sweetspot

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



79.9398, 5.0085, 18.8816



95.5353, -2.4013, 10.2360



73.7917, 24.8315, -5.4270



43.8165, -0.8435, 5.1391

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



79.9398, 5.0085, 18.8816



82.8876, 7.9048, 22.7882



89.5981, -11.2026, 27.8331



41.0041, -0.7991, 4.7927



38.8835, 33.6850, 24.5496



12.0346, 7.6965, 7.5504



# Inverse Universe

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



79.7575, -10.4891, -12.3202



82.6496, -11.9176, -17.1488



70.1014, 5.7668, -26.4270



40.9745, -3.4084, -0.4546



37.9221, -0.0969, -47.1902



11.7950, -1.4427, -11.6285



# Previews

## White Background



This preview shows how the HunterLab color 79.9380, 5.0113, 18.8804 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 79.9380, 5.0113, 18.8804 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

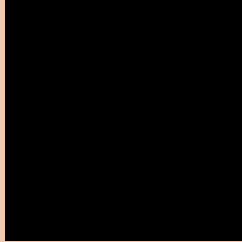
Any Text WCAG AA ✓ Pass

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 79.9380, 5.0113, 18.8804 Background



This preview shows how black text looks on a background with the HunterLab color 79.9380, 5.0113, 18.8804.



This preview shows how white text looks on a background with the HunterLab color 79.9380, 5.0113,



# 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

79.9380, 5.0113, 18.8804

### Protanopia

80.0445, -5.2686, 17.6410

### Deuteranopia

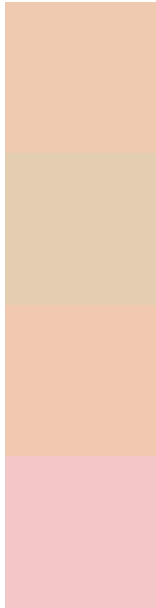
79.7550, 5.9026, 18.7133



## Tritanopia

79.9494, 14.4953, 3.3263

# Trichromacy



## Original Color

79.9380, 5.0113, 18.8804

## Protanomaly

79.8047, -1.4613, 17.8575

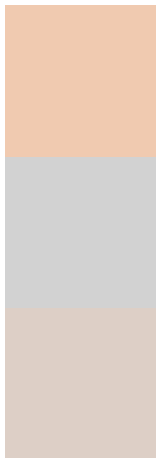
## Deuteranomaly

79.7550, 5.9026, 18.7133

## Tritanomaly

80.0157, 10.9861, 9.4604

# Monochromacy



## Original Color

79.9380, 5.0113, 18.8804

## Achromatopsia

80.2795, -4.2835, 4.3617

## Achromatomaly

80.0469, -1.1016, 9.7330

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 79.9380, 5.0113, 18.8804 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(240, 202, 176)` looks like.

```
.text, #text, p{  
    color:rgb(240, 202, 176)  
}
```

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(240, 202, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 202, 176) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.9380, 5.0113, 18.8804 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(240, 202, 176) }
```



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

```
.border{ border-color:rgb(240, 202, 176) }
```

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

Here you see how a box with a 4 pixel rgb(240, 202, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 202, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 202, 176);  
box-shadow:4px 4px 4px 4px rgb(240, 202,  
176) }
```

# Background

The CSS property to change the background color of an element to HunterLab 79.9380, 5.0113, 18.8804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 202, 176) }
```

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

```
.background{ background-color: rgb(240,  
202, 176) }
```

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