

# Converting Colors

HunterLab(86.0841, 7.1809,  
0.3902)

Have a look what the booklet for  
HunterLab(86.0841, 7.1809, 0.3902)  
contains.

<b>HunterLab(86.0190, 7.3495, 0.5118)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(86.0190, 7.3495,  
0.5118)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F3D8E8
RGB	243, 216, 232
RGB Percent	95%, 85%, 91%
CMY	0.0471, 0.1529, 0.0902
CMYK	0.00, 0.11, 0.05, 0.05
HSL	324°, 53%, 90%
HSV	324°, 11%, 95%
XYZ	76.0836, 73.9927, 86.6160
YIQ	225.8970, 10.9560, 10.7000

# Conversions

## Conversions Part 2

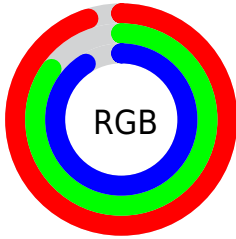
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 216, 232
Decimal	15980776
CIE <sub>Lab</sub>	88.92, 12.01, -4.42
CIE <sub>LCh</sub>	89, 12.800, 339.808
Yxy	73.9959, 0.3214, 0.3126
Android (android.graphics.Color)	4294170856 (0xFFFF3D8E8)
YUV	225.8970, 3.0088, 14.9993
Hunter-Lab	86.0190, 7.3495, 0.5118

# Details

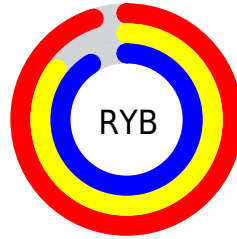
The HunterLab color  $86.0190, 7.3495, 0.5118$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $91.7868, -16.2554, 9.3280$ , and the grayscale version is  $87.1488, -4.6500, 4.7350$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $62.6012, 7.5680, -0.1947$  is the 20% darker color. If you saturate the color by 10%, you get  $78.6793, 18.7290, -3.3201$ , and if you desaturate by 10%, it is  $93.7872, -3.8262, 4.6669$ .

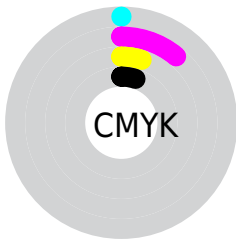
# Distribution



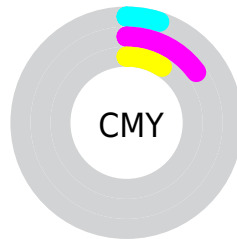
- Red (95%)
- Green (85%)
- Blue (91%)



- Red (95%)
- Yellow (85%)
- Blue (91%)



- Cyan (0%)
- Magenta (11%)
- Yellow (5%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.0190, 7.3495, 0.5118 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 86.0190, 7.3495, 0.5118 by changing the saturation by 10% instead.



86.0190, 7.3495,  
0.5118

86.0190, 7.3495,  
0.5118

217.8209, 4.4454,  
6.2375

74.0207, 7.4363,  
0.0536

111.7542, 7.0064,  
1.5516

62.6372, 7.4646,  
-0.3626

125.4383, 6.7628,  
2.1257

51.9056, 7.4254,  
-0.7319

139.6394, 6.4745,  
2.7339

41.8684, 7.3104,  
-1.0496

154.3393, 6.1443,  
3.3747

32.5773, 7.1085,  
-1.3100

169.5217, 5.7744,  
4.0466

24.0980, 6.8046,  
-1.5054

185.1716, 5.3668,

16.5171, 6.3770,

4.7484

-1.6248

201.2754, 4.9233,  
5.4790

■ 9.9575, 5.7936,  
-1.6519

0.0000, INF, -NF

■ 86.0190, 7.3495,  
0.5118

■ 86.0190, 7.3495,  
0.5118

■ 78.6793, 18.7290,  
-3.3201

■ 93.7872, -3.8262,  
4.6669

■ 71.8364, 30.2443,  
-6.7225

■ 98.7881, -9.7842,  
5.5256

■ 65.5819, 41.7257,  
-9.5414

■ 98.8913, -9.2141,  
4.0533

■ 60.0213, 52.8631,  
-11.5785

■ 55.2705, 63.1565,  
-12.5990

■ 51.4415, 71.9171,  
-12.3721

■ 48.6156, 78.3817,  
-10.7527

■ 46.8046, 81.9847,  
-7.7848

■ 45.9000, 82.9911,  
-4.3394

# Harmonies

## Analogous

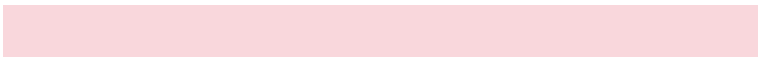
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.0209, 3.4834, -4.8741



86.0190, 7.3495, 0.5118



86.0209, 7.9597, 6.6662

# Triad

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



86.0209, 7.3472, 0.5133



86.0209, -6.6951, 15.5068



86.0209, -13.9082, -3.2113

# Complementary

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



86.0190, 7.3495, 0.5118



91.7868, -16.2554, 9.3280

# 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.



86.0209, -16.4676, 2.6501



86.0190, 7.3495, 0.5118



86.0209, -12.3848, 13.2544

# Square

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



86.0209, 7.3472, 0.5133



86.0209, -0.2753, 15.0272



86.0209, -15.9183, 8.6526



86.0209, -8.8301, -7.1319



# Rectangle

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



86.0190, 7.3495, 0.5118



86.0209, 6.4239, 10.3382



86.0209, -15.9183, 8.6526



86.0209, -15.0848, -1.3857

# Sweetspot

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



86.0209, 7.3472, 0.5133



97.4765, -1.8194, 4.0749



84.7850, 3.9509, -6.9838



44.7878, -0.4052, 1.7191

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



86.0209, 7.3472, 0.5133



89.3327, 10.0584, -0.2663



85.5971, 5.0787, 6.5534



40.8012, 2.5825, 0.5456



34.0444, 61.6281, -3.7836



10.1933, 18.6323, -2.5299



# Inverse Universe

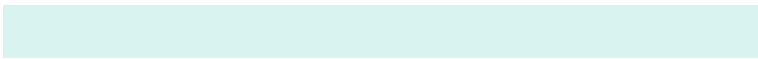
The Inverse Universe completely reimagines the original color for something new.



86.0209, 7.3472, 0.5133



89.3327, 10.0584, -0.2663



92.2014, -13.9381, 3.4071



40.8012, 2.5825, 0.5456



34.0444, 61.6281, -3.7836

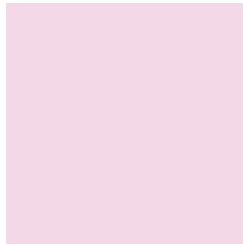


10.1933, 18.6323, -2.5299



# Previews

## White Background



This preview shows how the HunterLab color 86.0190, 7.3495, 0.5118 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

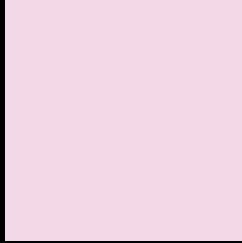
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.0190, 7.3495, 0.5118 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

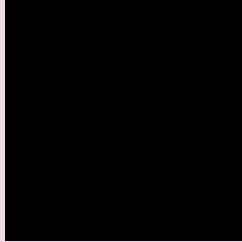
Any Text WCAG AA ✓ Pass

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 86.0190, 7.3495, 0.5118 Background



This preview shows how black text looks on a background with the HunterLab color 86.0190, 7.3495, 0.5118.



This preview shows how white text looks on a background with the HunterLab color 86.0190, 7.3495,

0.5118.

# 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

86.0190, 7.3495, 0.5118

### Protanopia

86.1081, -1.4305, -1.6071

### Deuteranopia

86.1119, 6.1259, 0.6045



## Tritanopia

86.0521, 7.5263, 0.0410

# Trichromacy



## Original Color

86.0190, 7.3495, 0.5118

## Protanomaly

86.1240, 1.7088, -1.0092

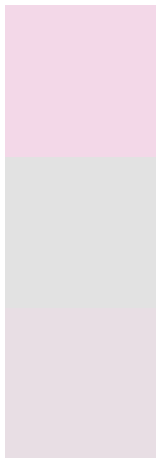
## Deuteranomaly

86.2144, 6.4692, 0.7361

## Tritanomaly

86.0521, 7.5263, 0.0410

# Monochromacy



## Original Color

86.0190, 7.3495, 0.5118

## Achromatopsia

87.2081, -4.6532, 4.7382

## Achromatomaly

86.6024, -0.2589, 3.1090

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.0190, 7.3495, 0.5118 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(243, 216, 232)` looks like.

```
.text, #text, p{  
    color:rgb(243, 216, 232)  
}
```

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(243, 216, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 216, 232) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.0190, 7.3495, 0.5118 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(243, 216, 232) }
```



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

```
.border{ border-color:rgb(243, 216, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 216, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 216, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 216, 232);  
box-shadow:4px 4px 4px 4px rgb(243, 216,  
232) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.0190, 7.3495, 0.5118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 216, 232) }
```

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

```
.background{ background-color: rgb(243,  
216, 232) }
```

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