

# Converting Colors

HunterLab(79.0299, -2.8482,  
31.2867)

Have a look what the booklet for  
HunterLab(79.0299, -2.8482,  
31.2867) contains.

<b>HunterLab(79.0289, -2.8518, 31.1725)</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(79.0289, -2.8518,  
31.1725)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EACC88
RGB	234, 204, 136
RGB Percent	92%, 80%, 53%
CMY	0.0824, 0.2000, 0.4667
CMYK	0.00, 0.13, 0.42, 0.08
HSL	42°, 70%, 73%
HSV	42°, 42%, 92%
XYZ	59.9684, 62.4557, 32.1870
YIQ	205.2180, 39.7080, -14.7880

# Conversions

## Conversions Part 2

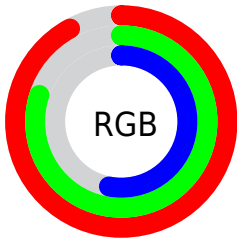
Format	Color
<a href="#">RYB</a>	<a href="#">179, 234, 136</a>
Decimal	<a href="#">15387784</a>
CIELab	<a href="#">83.16, 1.45, 37.73</a>
CIElCh	<a href="#">83, 37.755, 87.804</a>
Yxy	<a href="#">62.4586, 0.3879, 0.4040</a>
Android (android.graphics.Color)	<a href="#">4293577864 (0xFFEACC88)</a>
YUV	<a href="#">205.2180, -34.1245, 25.2418</a>
Hunter-Lab	<a href="#">79.0289, -2.8518, 31.1725</a>

# Details

The HunterLab color  $79.0289, -2.8518, 31.1725$  is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be  $62.0048, 2.7302, -36.1788$ , and the grayscale version is  $78.3585, -4.1810, 4.2574$ .

A 20% lighter version of the original color is  $98.2332, -15.1025, 30.8638$ , and  $56.4054, -1.6277, 25.6944$  is the 20% darker color. If you saturate the color by 10%, you get  $76.5097, -1.3271, 35.1059$ , and if you desaturate by 10%, it is  $81.6588, -3.9642, 26.2996$ .

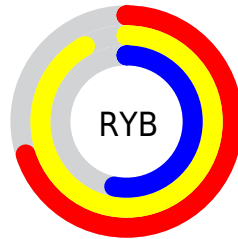
# Distribution



Red (92%)

Green (80%)

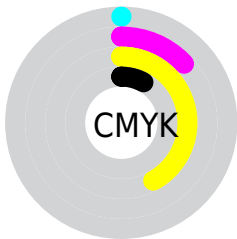
Blue (53%)



Red (70%)

Yellow (92%)

Blue (53%)

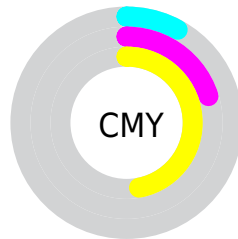


Cyan (0%)

Magenta (13%)

Yellow (42%)

Black (8%)



Cyan (8%)

Magenta (20%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.0289, -2.8518, 31.1725 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 79.0289, -2.8518, 31.1725 by changing the saturation by 10% instead.



79.0289, -2.8518,  
31.1725

79.0289, -2.8518,  
31.1725

208.2311, -9.2376,  
52.7982

67.3820, -2.3028,  
28.4787

104.1096, -4.0636,  
36.3108

56.3695, -1.7889,  
25.6735

117.4866, -4.7168,  
38.7825

46.0325, -1.3158,  
22.7300

131.3921, -5.4006,  
41.2040

36.4182, -0.8873,  
19.6112

145.8066, -6.1137,  
43.5834

27.5859, -0.5080,  
16.2681

160.7128, -6.8549,  
45.9274

19.6120, -0.1844,  
13.2639

176.0949, -7.6232,

12.6014, 0.0739,

48.2416

8.8210

191.9387, -8.4177,  
50.5306

■ 5.9116, 0.7508,  
4.1381

0.0000, NaN, NaN

■ 79.0289, -2.8518,  
31.1725

■ 79.0289, -2.8518,  
31.1725

■ 76.5097, -1.3271,  
35.1059

■ 81.6588, -3.9642,  
26.2996

■ 74.0988, 0.6219,  
38.0722

■ 84.3902, -4.6648,  
20.5201

■ 71.8002, 2.9881,  
40.0643

■ 87.2211, -4.9697,  
13.8774

■ 69.6146, 5.7559,  
41.0991

■ 90.1472, -4.8950,  
6.4176

67.5405, 8.8942,  
41.2329

93.1644, -4.4581,  
-1.8115

65.9297, 11.6531,  
40.8296

95.5093, -7.8422,  
-0.0152

97.8186, -11.5707,  
2.7289

98.0981, -12.0164,  
3.0568

# Harmonies

## Analogous

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



79.0307, 15.6171, 27.8934



79.0289, -2.8518, 31.1725



79.0307, -20.1219, 28.7410

# Triad

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



79.0307, -2.8547, 31.1734



79.0307, -33.2603, -13.1448



79.0307, 28.1521, -15.9111

# Complementary

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



79.0289, -2.8518, 31.1725



62.0048, 2.7302, -36.1788

# 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.



79.0307, 13.0455, -31.8189



79.0289, -2.8518, 31.1725



79.0307, -22.2770, -29.9810

# Square

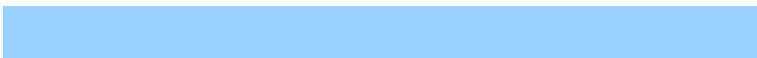
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0307, -2.8547, 31.1734



79.0307, -36.6864, 5.5864



79.0307, -5.5783, -37.4777



79.0307, 34.5128, 2.9954



# Rectangle

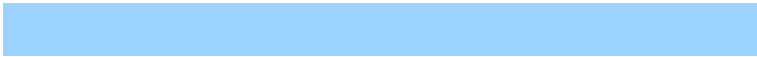
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0289, -2.8518, 31.1725



79.0307, -28.8608, 23.8045



79.0307, -5.5783, -37.4777



79.0307, 23.8642, -21.9364

# Sweetspot

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



79.0307, -2.8547, 31.1734



95.7822, -5.4613, 16.2122



61.5570, 36.4346, 3.3399



43.9901, -2.5041, 8.2776

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



79.0307, -2.8547, 31.1734



84.7968, -1.7721, 38.0616



86.7336, -23.7836, 37.1055



40.9923, -2.3247, 5.6655



49.6575, 8.2929, 30.7439



14.5086, 1.2317, 8.9617



# Inverse Universe

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



62.0048, 2.7302, -36.1788



62.6368, 6.1106, -50.8492



55.1510, 23.1615, -49.2944



39.1162, -1.7961, -1.5779



24.7186, 27.0168, -89.2175



8.0273, 4.7746, -20.3403



# Previews

## White Background



This preview shows how the HunterLab color 79.0289, -2.8518, 31.1725 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 79.0289, -2.8518, 31.1725 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 79.0289, -2.8518, 31.1725 Background



This preview shows how black text looks on a background with the HunterLab color 79.0289, -2.8518, 31.1725.



This preview shows how white text looks on a background with the HunterLab color 79.0289, -2.8518,



# 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

79.0289, -2.8518, 31.1725

### Protanopia

79.0186, -7.5348, 30.8010

### Deuteranopia

78.9519, 6.0242, 30.9823



## Tritanopia

79.0953, 14.5155, 3.2869

# Trichromacy



## Original Color

79.0289, -2.8518, 31.1725

## Protanomaly

79.0207, -5.9563, 30.8304

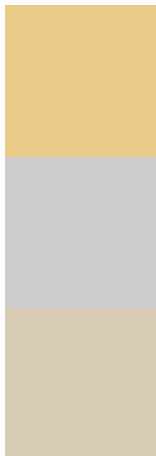
## Deuteranomaly

78.9606, 3.0577, 30.9377

## Tritanomaly

78.8402, 7.6954, 15.0251

# Monochromacy



## Original Color

79.0289, -2.8518, 31.1725

## Achromatopsia

78.1342, -4.1690, 4.2452

## Achromatomaly

78.4582, -4.4624, 15.6368

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 79.0289, -2.8518, 31.1725 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(234, 204, 136)` looks like.

```
.text, #text, p{  
    color:rgb(234, 204, 136)  
}
```

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(234, 204, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 204, 136) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.0289, -2.8518, 31.1725 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(234, 204, 136) }
```



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

```
.border{ border-color:rgb(234, 204, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 204, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 204, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 204, 136);  
box-shadow:4px 4px 4px 4px rgb(234, 204,  
136) }
```

# Background

The CSS property to change the background color of an element to HunterLab 79.0289, -2.8518, 31.1725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 204, 136) }
```

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

```
.background{ background-color: rgb(234,  
204, 136) }
```

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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