

# Converting Colors

HunterLab(75.1498, -0.4722,  
33.0691)

Have a look what the booklet for  
HunterLab(75.1498, -0.4722,  
33.0691) contains.

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# Color

**HunterLab(75.1087, -0.1693,  
32.9936)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7C175
RGB	231, 193, 117
RGB Percent	91%, 76%, 46%
CMY	0.0941, 0.2431, 0.5412
CMYK	0.00, 0.16, 0.49, 0.09
HSL	40°, 70%, 68%
HSV	40°, 49%, 91%
XYZ	55.2358, 56.4132, 24.8071
YIQ	195.6980, 47.0440, -15.5800

# Conversions

## Conversions Part 2

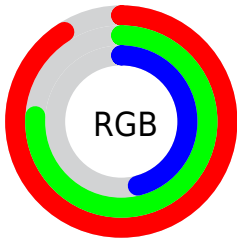
Format	Color
<a href="#">RYB</a>	<a href="#">174, 231, 117</a>
Decimal	<a href="#">15188341</a>
CIELab	<a href="#">79.85, 4.11, 43.10</a>
CIELCh	<a href="#">80, 43.299, 84.556</a>
Yxy	<a href="#">56.4158, 0.4048, 0.4134</a>
Android (android.graphics.Color)	<a href="#">4293378421</a> ( <a href="#">0xFFE7C175</a> )
YUV	<a href="#">195.6980, -38.7981, 30.9599</a>
Hunter-Lab	<a href="#">75.1087, -0.1693, 32.9936</a>

# Details

The HunterLab color  $75.1087, -0.1693, 32.9936$  is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be  $57.4393, 3.5268, -42.5812$ , and the grayscale version is  $74.3160, -3.9653, 4.0377$ .

A 20% lighter version of the original color is  $95.8716, -14.4109, 35.3043$ , and  $52.9469, 0.3741, 26.8604$  is the 20% darker color. If you saturate the color by 10%, you get  $72.5409, 1.9540, 36.0971$ , and if you desaturate by 10%, it is  $77.7953, -1.8827, 28.9650$ .

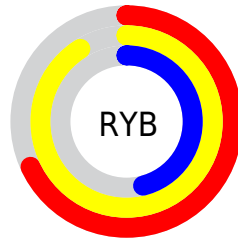
# Distribution



Red (91%)

Green (76%)

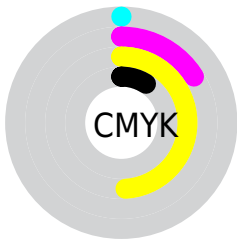
Blue (46%)



Red (68%)

Yellow (91%)

Blue (46%)

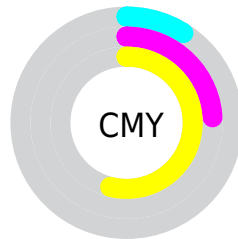


Cyan (0%)

Magenta (16%)

Yellow (49%)

Black (9%)



Cyan (9%)

Magenta (24%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.1087, -0.1693, 32.9936 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 75.1087, -0.1693, 32.9936 by changing the saturation by 10% instead.



75.1087, -0.1693,  
32.9936

75.1087, -0.1693,  
32.9936

202.7947, -5.5108,  
57.0831

63.6682, 0.2373,  
29.9320

99.8060, -1.1169,  
38.7915

52.8744, 0.6003,  
26.7276

113.0036, -1.6466,  
41.5623

42.7706, 0.9123,  
23.3480

126.7366, -2.2115,  
44.2661

33.4077, 1.1673,  
19.7507

140.9848, -2.8101,  
46.9132

24.8497, 1.3570,  
16.0000

155.7302, -3.4405,  
49.5120

17.1809, 1.4696,  
12.0266

170.9566, -4.1016,

10.5197, 1.4860,

52.0695

7.3638

186.6492, -4.7921,  
54.5915

0.0000, INF, NaN

0.0000, NaN, NaN

■ 75.1087, -0.1693,  
32.9936

■ 75.1087, -0.1693,  
32.9936

■ 72.5409, 1.9540,  
36.0971

■ 77.7953, -1.8827,  
28.9650

■ 70.0902, 4.4957,  
38.2534

■ 80.5911, -3.1840,  
24.0424

■ 67.7608, 7.4417,  
39.4656

■ 83.4932, -4.0881,  
18.2689

■ 65.5532, 10.7663,  
39.7705


■ 86.4967, -4.6107,  
11.6911


■ 63.4607, 14.4023,


■ 89.5968, -4.7694,


39.3160


4.3580

 63.3275, 14.6428,  
39.2785

 92.7677, -4.6976,  
-3.3852

 95.2197, -8.7277,  
-0.3878

 97.7097, -12.7212,  
2.5778

 97.8411, -12.9293,  
2.7323

# Harmonies

## Analogous

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



75.1105, 20.6639, 28.9827



75.1087, -0.1693, 32.9936



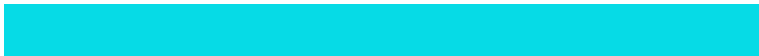
75.1105, -19.9475, 31.1499

# Triad

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



75.1105, -0.1723, 32.9944



75.1105, -37.0907, -13.5379



75.1105, 31.4955, -21.5427

# Complementary

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



75.1087, -0.1693, 32.9936



57.4393, 3.5268, -42.5812

# 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.



75.1105, 13.3745, -39.4962



75.1087, -0.1693, 32.9936



75.1105, -25.8631, -34.0614

# Square

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



75.1105, -0.1723, 32.9944



75.1105, -39.8805, 7.6156



75.1105, -7.7756, -44.6101



75.1105, 40.1797, 0.3815



# Rectangle

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



75.1087, -0.1693, 32.9936



75.1105, -30.1058, 26.4922



75.1105, -7.7756, -44.6101



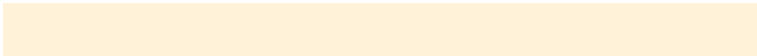
75.1105, 26.2163, -28.4565

# Sweetspot

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



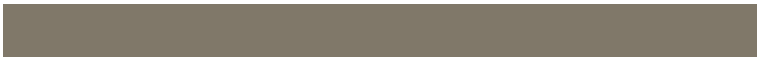
75.1105, -0.1723, 32.9944



94.8214, -4.8739, 17.4028



56.6379, 43.4397, 3.1975



43.5412, -2.1903, 8.7577

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



75.1105, -0.1723, 32.9944



81.1574, 2.1780, 40.3717



85.1076, -25.3246, 40.2748



39.9567, -2.1291, 5.4355



47.6655, 10.4797, 29.5547



13.5941, 1.6488, 8.4055



# Inverse Universe

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



57.4393, 3.5268, -42.5812



57.9108, 8.0579, -61.0356



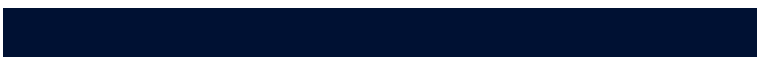
48.7103, 28.1332, -61.5137



38.2989, -1.8974, -1.4265



25.3242, 23.8816, -83.2065



7.9990, 3.8084, -18.2192



# Previews

## White Background



This preview shows how the HunterLab color 75.1087, -0.1693, 32.9936 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 75.1087, -0.1693, 32.9936 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 75.1087, -0.1693, 32.9936 Background



This preview shows how black text looks on a background with the HunterLab color 75.1087, -0.1693, 32.9936.



This preview shows how white text looks on a background with the HunterLab color 75.1087, -0.1693,



# 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

75.1087, -0.1693, 32.9936

### Protanopia

75.1477, -7.6613, 32.4017

### Deuteranopia

75.1026, 5.8117, 32.8487



## Tritanopia

75.0299, 17.9191, 4.3286

# Trichromacy



**Original Color**

75.1087, -0.1693, 32.9936

**Protanomaly**

75.0450, -4.9452, 32.6145

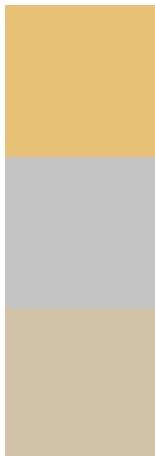
**Deuteranomaly**

74.9263, 3.7399, 32.6720

**Tritanomaly**

74.9921, 10.4456, 16.7159

# Monochromacy



**Original Color**

75.1087, -0.1693, 32.9936

**Achromatopsia**

74.2975, -3.9643, 4.0367

**Achromatomaly**

74.4147, -3.6103, 16.6622

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.1087, -0.1693, 32.9936 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(231, 193, 117)` looks like.

```
.text, #text, p{  
    color:rgb(231, 193, 117)  
}
```

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(231, 193, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 193, 117) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.1087, -0.1693, 32.9936 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(231, 193, 117) }
```



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

```
.border{ border-color:rgb(231, 193, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 193, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 193, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 193, 117);  
box-shadow:4px 4px 4px 4px rgb(231, 193,  
117) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.1087, -0.1693, 32.9936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 193, 117) }
```

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

```
.background{ background-color: rgb(231,  
193, 117) }
```

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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