

# Converting Colors

HunterLab(82.9145, -1.7016,  
24.6445)

Have a look what the booklet for  
HunterLab(82.9145, -1.7016,  
24.6445) contains.

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# Color

**HunterLab(83.0307, -1.7023,  
24.6799)**

# Conversions

Conversions Part 1	
Format	Color
Hex	F0D5A8
RGB	240, 213, 168
RGB Percent	94%, 84%, 66%
CMY	0.0588, 0.1647, 0.3412
CMYK	0.00, 0.11, 0.30, 0.06
HSL	38°, 71%, 80%
HSV	38°, 30%, 94%
XYZ	66.7973, 68.9410, 46.8322
YIQ	215.9430, 30.5370, -8.2710

# Conversions

## Conversions Part 2

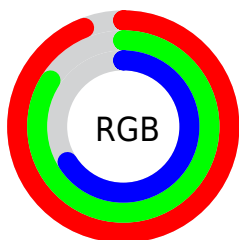
Format	Color
<a href="#">RYB</a>	<a href="#">211, 240, 168</a>
Decimal	<a href="#">15783336</a>
CIELab	<a href="#">86.48, 2.83, 25.71</a>
CIELCh	<a href="#">86, 25.867, 83.708</a>
Yxy	<a href="#">68.9441, 0.3659, 0.3776</a>
Android (android.graphics.Color)	<a href="#">4293973416</a> (0xFFFF0D5A8)
YUV	<a href="#">215.9430, -23.6359, 21.0980</a>
Hunter-Lab	<a href="#">83.0307, -1.7023, 24.6799</a>

# Details

The HunterLab color **83.0307, -1.7023, 24.6799** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **73.2426, -2.9285, -21.6535**, and the grayscale version is **82.9330, -4.4251, 4.5059**.

A 20% lighter version of the original color is **99.0493, -10.5691, 19.0599**, and **59.8180, -0.5152, 20.4734** is the 20% darker color. If you saturate the color by 10%, you get **79.8301, 0.1907, 29.5971**, and if you desaturate by 10%, it is **86.3574, -3.1861, 18.9181**.

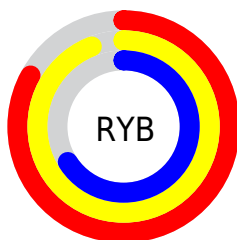
# Distribution



Red (94%)

Green (84%)

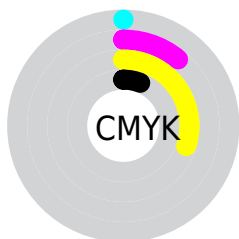
Blue (66%)



Red (83%)

Yellow (94%)

Blue (66%)

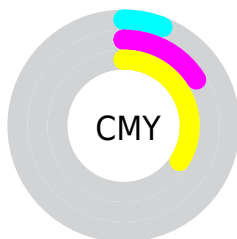


Cyan (0%)

Magenta (11%)

Yellow (30%)

Black (6%)



Cyan (6%)

Magenta (16%)


Yellow (34%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.0307, -1.7023, 24.6799 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 83.0307, -1.7023, 24.6799 by changing the saturation by 10% instead.





 83.0307, -1.7023,  
24.6799

 83.0307, -1.7023,  
24.6799


213.7367, -7.6860,  
41.2853

 71.1802, -1.2069,  
22.7128

 108.4904, -2.8134,  
28.5003

 59.9525, -0.7494,  
20.6903

122.0452, -3.4193,  
30.3679

 49.3864, -0.3360,  
18.5968


136.1217, -4.0575,  
32.2155

 39.5264, 0.0290,  
16.4093

150.7012, -4.7263,  
34.0476

 30.4270, 0.3402,  
14.0943

165.7671, -5.4247,  
35.8678

 22.1582, 0.5899,  
11.6019


181.3040, -6.1514,

 14.8137, 0.7668,


37.6793


9.6152


197.2981, -6.9055,  
39.4844

 8.4674, 1.0066,  
5.9272

0.0000, NaN, NaN


 83.0307, -1.7023,  
24.6799

 83.0307, -1.7023,  
24.6799


 79.8301, 0.1907,  
29.5971


 86.3574, -3.1861,  
18.9181


 76.7567, 2.5164,  
33.6150

 89.7979, -4.2711,  
12.3631

 73.8190, 5.2810,  
36.6908

 93.3474, -4.9808,  
5.0712

 71.0230, 8.4852,  
38.7943

 96.6934, -7.0190,  
1.4480

68.3736, 12.1170,  
39.9186

98.6232, -10.1589,  
3.7173

65.8736, 16.1466,  
40.0958

63.5168, 20.4918,  
39.4975

63.5167, 20.4921,  
39.4974

# Harmonies

## Analogous

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



83.0326, 10.7279, 21.3448



83.0307, -1.7023, 24.6799



83.0326, -14.1536, 23.3156

# Triad

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



83.0326, -1.7051, 24.6810



83.0326, -25.9022, -5.5148



83.0326, 16.4699, -10.6580

# Complementary

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



83.0307, -1.7023, 24.6799



73.2426, -2.9285, -21.6535

# 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.



83.0326, 5.7525, -20.0555



83.0307, -1.7023, 24.6799



83.0326, -18.5820, -16.7840

# Square

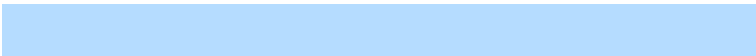
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.0326, -1.7051, 24.6810



83.0326, -27.6310, 7.0587



83.0326, -7.1298, -22.4526



83.0326, 21.6252, 1.8979



# Rectangle

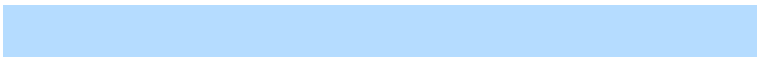
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.0307, -1.7023, 24.6799



83.0326, -20.8536, 19.8009



83.0326, -7.1298, -22.4526



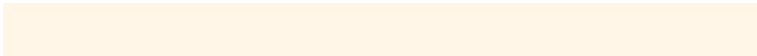
83.0326, 13.3680, -14.3637

# Sweetspot

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



83.0326, -1.7051, 24.6810



96.5616, -4.6664, 12.5201



71.0624, 25.9934, 0.8688



44.4207, -2.0949, 6.2952

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.0326, -1.7051, 24.6810



86.8354, -0.6380, 29.7734



90.6844, -18.2009, 31.3393



41.7194, -2.0017, 5.5633



47.2743, 14.5931, 29.3857



14.3165, 2.8682, 8.8720



# Inverse Universe

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



73.2426, -2.9285, -21.6535



74.3246, -2.0562, -29.7077



66.0108, 13.5389, -33.1323



40.2489, -2.2143, -1.3430



27.7130, 20.6011, -79.1106

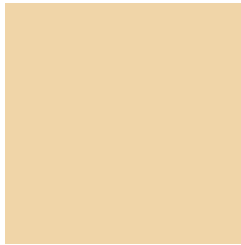


9.0778, 3.4830, -18.8653



# Previews

## White Background



This preview shows how the HunterLab color 83.0307, -1.7023, 24.6799 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

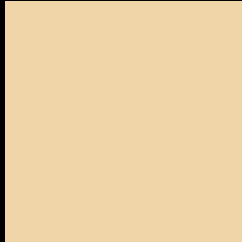
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.0307, -1.7023, 24.6799 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

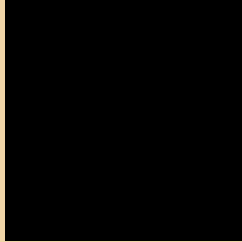
Any Text WCAG AA ✓ Pass

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 83.0307, -1.7023, 24.6799 Background



This preview shows how black text looks on a background with the HunterLab color 83.0307, -1.7023, 24.6799.



This preview shows how white text looks on a background with the HunterLab color 83.0307, -1.7023,



# 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

83.0307, -1.7023, 24.6799

### Protanopia

83.0453, -6.3208, 24.2627

### Deuteranopia

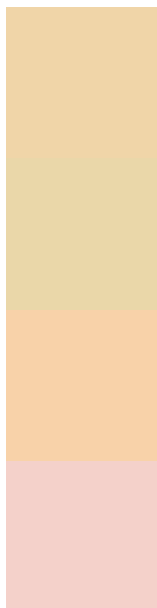
82.9813, 5.8435, 24.4155



## Tritanopia

83.0719, 12.0457, 2.0762

# Trichromacy



## Original Color

83.0307, -1.7023, 24.6799

## Protanomaly

83.0409, -4.7552, 24.2859

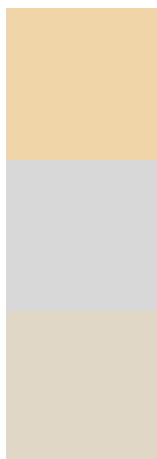
## Deuteranomaly

83.0146, 2.9167, 24.3955

## Tritanomaly

83.1254, 6.4978, 11.4803

# Monochromacy



## Original Color

83.0307, -1.7023, 24.6799

## Achromatopsia

82.8665, -4.4215, 4.5023

## Achromatomaly

82.9047, -3.7112, 12.3785

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.0307, -1.7023, 24.6799 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, 213, 168)` looks like.

```
.text, #text, p{  
    color:rgb(240, 213, 168)  
}
```

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, 213, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 213, 168) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.0307, -1.7023, 24.6799 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, 213, 168) }
```



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

```
.border{ border-color:rgb(240, 213, 168) }
```

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

Here you see how a box with a 4 pixel rgb(240, 213, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 213, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 213, 168);  
box-shadow:4px 4px 4px 4px rgb(240, 213,  
168) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.0307, -1.7023, 24.6799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 213, 168) }
```

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

```
.background{ background-color: rgb(240,  
213, 168) }
```

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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