

# Converting Colors

HunterLab(82.1105, 5.2017,  
28.2667)

Have a look what the booklet for  
HunterLab(82.1105, 5.2017,  
28.2667) contains.

<b>HunterLab(82.0925, 5.2735, 28.2806)</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(82.0925, 5.2735,  
28.2806)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDCE9B
RGB	253, 206, 155
RGB Percent	99%, 81%, 61%
CMY	0.0078, 0.1921, 0.3921
CMYK	0.00, 0.19, 0.39, 0.01
HSL	31°, 96%, 80%
HSV	31°, 39%, 99%
XYZ	68.4957, 67.3918, 40.4082
YIQ	214.2390, 44.3830, -5.8970

# Conversions

## Conversions Part 2

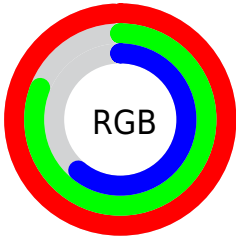
Format	Color
R <sub>Y</sub> B	245, 253, 155
Decimal	16633499
CIE Lab	85.70, 9.90, 31.62
CIE LCh	86, 33.138, 72.610
Yxy	67.3950, 0.3885, 0.3823
Android (android.graphics.Color)	4294823579 (0xFFFDCE9B)
YUV	214.2390, -29.2048, 33.9934
Hunter-Lab	82.0925, 5.2735, 28.2806

# Details

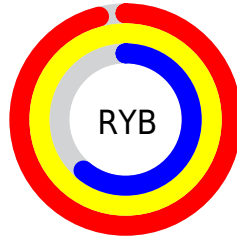
The HunterLab color **82.0925, 5.2735, 28.2806** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75.0330, -6.7291, -27.3135**, and the grayscale version is **82.2158, -4.3868, 4.4669**.

A 20% lighter version of the original color is **98.7082, -12.4593, 23.9816**, and **59.1928, 5.5223, 23.7179** is the 20% darker color. If you saturate the color by 10%, you get **78.1114, 9.0573, 32.3396**, and if you desaturate by 10%, it is **86.2583, 1.9417, 23.3950**.

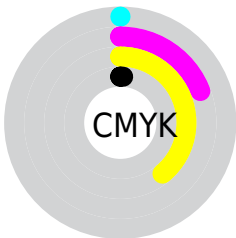
# Distribution



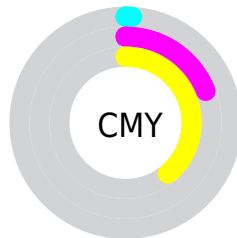
- Red (99%)
- Green (81%)
- Blue (61%)



- Red (96%)
- Yellow (99%)
- Blue (61%)



- Cyan (0%)
- Magenta (19%)
- Yellow (39%)
- Black (1%)




- Cyan (1%)
- Magenta (19%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.0925, 5.2735, 28.2806 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 82.0925, 5.2735, 28.2806 by changing the saturation by 10% instead.




 82.0925, 5.2735,  
28.2806

 82.0925, 5.2735,  
28.2806


212.4498, 1.7695,  
47.2841

 70.2892, 5.4363,  
25.9705

 107.4645, 4.7832,  
32.7260

 59.1112, 5.5442,  
23.5797

 120.9780, 4.4696,  
34.8813

 48.5981, 5.5876,  
21.0876


135.0149, 4.1134,  
37.0028

 38.7947, 5.5582,  
18.4645

149.5562, 3.7171,  
39.0966

 29.7568, 5.4451,  
15.6689

164.5850, 3.2827,  
41.1679

 21.5558, 5.2329,  
12.6483

180.0860, 2.8123,

 14.2877, 4.8987,

43.2207

10.0014

196.0452, 2.3074,  
45.2585

■ 7.9458, 5.0069,  
5.5621

0.0000, NaN, NaN

■ 82.0925, 5.2735,  
28.2806

■ 82.0925, 5.2735,  
28.2806

■ 78.1114, 9.0573,  
32.3396

■ 86.2583, 1.9417,  
23.3950

■ 74.3240, 13.3167,  
35.4981

■ 90.5892, -0.9507,  
17.7523

■ 70.7474, 18.0501,  
37.6947

■ 95.0742, -3.4331,  
11.4232

■ 67.3966, 23.2400,  
38.8875

■ 99.6627, -5.7475,  
5.0283

■ 64.2848, 28.8410,  
39.0744

99.8111, -5.9934,  
5.1992

■ 61.4191, 34.7554,  
38.3659

■ 61.0720, 35.5090,  
38.2539

# Harmonies

## Analogous

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



82.0944, 20.1789, 22.3187



82.0925, 5.2735, 28.2806



82.0944, -11.1671, 28.7152

# Triad

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



82.0944, 5.2703, 28.2817



82.0944, -32.9906, -2.3653



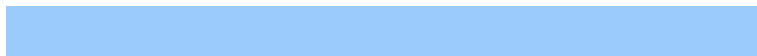
82.0944, 18.1118, -20.8633

# Complementary

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



82.0925, 5.2735, 28.2806



75.0330, -6.7291, -27.3135

# 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.



82.0944, 2.6252, -30.5932



82.0925, 5.2735, 28.2806



82.0944, -26.3618, -18.5865

# Square

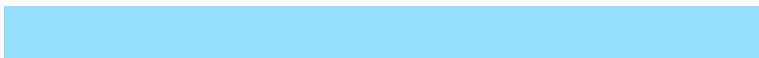
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.0944, 5.2703, 28.2817



82.0944, -32.4046, 12.9511



82.0944, -13.6133, -29.6864



82.0944, 27.9838, -5.0283



# Rectangle

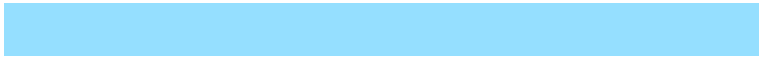
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.0925, 5.2735, 28.2806



82.0944, -20.7228, 25.9633



82.0944, -13.6133, -29.6864



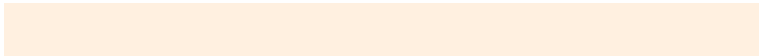
82.0944, 13.3401, -25.0843

# Sweetspot

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



82.0944, 5.2703, 28.2817



94.4330, -2.6886, 13.6866



69.7192, 39.1192, -4.0673



43.4144, -1.0951, 6.7226

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



82.0944, 5.2703, 28.2817



79.8865, 8.0544, 31.6056



96.5373, -19.2474, 40.1028



44.2169, -1.5194, 5.5718



44.8720, 25.1476, 28.0902



14.7626, 6.1712, 9.2047



# Inverse Universe

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



75.0330, -6.7291, -27.3135



71.5254, -5.9732, -34.4548



61.3731, 18.4882, -51.6326



43.3763, -2.9810, -1.0031



33.7297, 11.0066, -65.9193



11.5109, 1.5217, -17.6725



# Previews

## White Background



This preview shows how the HunterLab color 82.0925, 5.2735, 28.2806 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

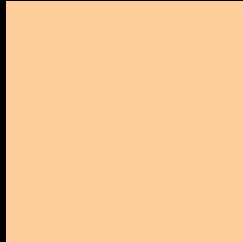
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 82.0925, 5.2735, 28.2806 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

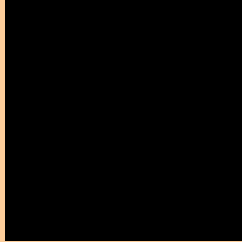
Any Text WCAG AA ✓ Pass

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 82.0925, 5.2735, 28.2806 Background



This preview shows how black text looks on a background with the HunterLab color 82.0925, 5.2735, 28.2806.



This preview shows how white text looks on a background with the HunterLab color 82.0925, 5.2735,



# 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

82.0925, 5.2735, 28.2806

### Protanopia

82.1093, -6.8689, 26.7900

### Deuteranopia

81.9146, 6.1808, 28.1382



## Tritanopia

82.1119, 17.2394, 4.9623

# Trichromacy



## Original Color

82.0925, 5.2735, 28.2806

## Protanomaly

81.9965, -2.5911, 27.0905

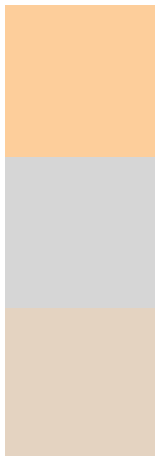
## Deuteranomaly

81.9146, 6.1808, 28.1382

## Tritanomaly

81.9525, 12.5762, 14.2185

# Monochromacy



## Original Color

82.0925, 5.2735, 28.2806

## Achromatopsia

82.0026, -4.3755, 4.4554

## Achromatomaly

81.8124, -1.5394, 13.8226

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.0925, 5.2735, 28.2806 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(253, 206, 155)` looks like.

```
.text, #text, p{  
    color:rgb(253, 206, 155)  
}
```

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(253, 206, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 206, 155) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.0925, 5.2735, 28.2806 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(253, 206, 155) }
```



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

```
.border{ border-color:rgb(253, 206, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 206, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 206, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 206, 155); box-shadow:4px 4px 4px 4px rgb(253, 206, 155) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.0925, 5.2735, 28.2806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 206, 155) }
```

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

```
.background{ background-color: rgb(253,  
206, 155) }
```

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