

Converting Colors

HunterLab(91.4636, 18.9755,
45.0176)

Have a look what the booklet for
HunterLab(91.4636, 18.9755,
45.0176) contains.

HunterLab(85.0095, -2.8245, 39.7167)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(85.0095, -2.8245,
39.7167)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD979
RGB	255, 217, 121
RGB Percent	100%, 85%, 47%
CMY	0.0000, 0.1490, 0.5255
CMYK	0.00, 0.15, 0.53, 0.00
HSL	43°, 100%, 74%
HSV	43°, 53%, 100%
XYZ	69.5040, 72.2662, 28.3747
YIQ	217.4180, 53.4640, -21.8000

Conversions

Conversions Part 2

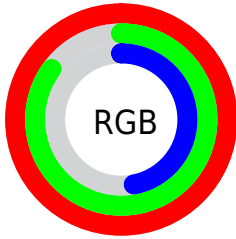
Format	Color
RYB	174, 255, 121
Decimal	16767353
CIELab	88.10, 1.77, 51.73
CIELCh	88, 51.760, 88.041
Yxy	72.2696, 0.4085, 0.4247
Android (android.graphics.Color)	4294957433 (0xFFFFD979)
YUV	217.4180, -47.5341, 32.9594
Hunter-Lab	85.0095, -2.8245, 39.7167

Details

The HunterLab color **85.0095, -2.8245, 39.7167** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **60.0665, 8.7975, -56.2175**, and the grayscale version is **83.6643, -4.4641, 4.5456**.

A 20% lighter version of the original color is **97.9159, -16.8761, 35.4815**, and **61.6491, -1.4518, 32.5477** is the 20% darker color. If you saturate the color by 10%, you get **82.5095, -0.9163, 42.9598**, and if you desaturate by 10%, it is **87.6297, -4.2720, 35.3837**.

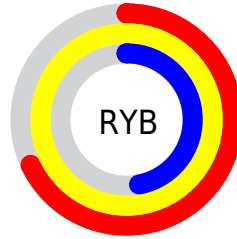
Distribution



Red (100%)

Green (85%)

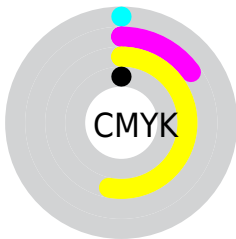
Blue (47%)



Red (68%)

Yellow (100%)

Blue (47%)

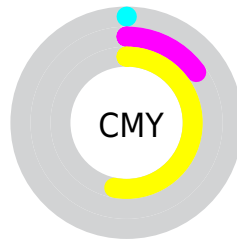


Cyan (0%)

Magenta (15%)

Yellow (53%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.0095, -2.8245, 39.7167 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 85.0095, -2.8245, 39.7167 by changing the saturation by 10% instead.

85.0095, -2.8245,
39.7167

85.0095, -2.8245,
39.7167

216.4438, -9.2261,
67.0784

73.0609, -2.2732,
36.2368

110.6525, -4.0412,
46.3176

61.7295, -1.7562,
32.6048

124.2932, -4.6965,
49.4725

51.0534, -1.2795,
28.7917

138.4525, -5.3820,
52.5491

41.0754, -0.8466,
24.7620

153.1120, -6.0967,
55.5580

31.8484, -0.4619,
20.4772

168.2553, -6.8394,
58.5085

23.4393, -0.1312,
16.4075

183.8673, -7.6091,

15.9371, 0.1370,

61.4079

11.1560

199.9343, -8.4050,
64.2627

■ 9.4687, 0.3291,
6.6281

0.0000, NaN, NaN

■ 85.0095, -2.8245,
39.7167

■ 85.0095, -2.8245,
39.7167

■ 82.5095, -0.9163,
42.9598

■ 87.6297, -4.2720,
35.3837

■ 80.1249, 1.4550,
45.1101

■ 90.3616, -5.2503,
29.9786

■ 77.8573, 4.2665,
46.1974

■ 93.2041, -5.7707,
23.5359

■ 75.7035, 7.4806,
46.2965

■ 96.1535, -5.8460,
16.0986

■ 74.1636, 10.0778,
45.8757

■ 99.2061, -5.4923,
7.7145

100.0000, -5.3359,
5.4331

Harmonies

Analogous

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



85.0115, 23.5247, 35.8589



85.0095, -2.8245, 39.7167



85.0115, -26.7556, 36.7727

Triad

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



85.0115, -2.8279, 39.7176



85.0115, -44.2612, -20.8566



85.0115, 42.0869, -24.5361

Complementary

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



85.0095, -2.8245, 39.7167



60.0665, 8.7975, -56.2175

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.



85.0115, 20.2194, -48.8514



85.0095, -2.8245, 39.7167



85.0115, -29.3796, -46.3173

Square

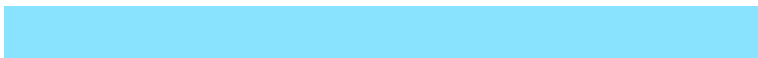
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.0115, -2.8279, 39.7176



85.0115, -48.8944, 6.2343



85.0115, -6.2398, -57.8166



85.0115, 51.3153, 2.9885

Rectangle

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



85.0095, -2.8245, 39.7167



85.0115, -38.5643, 30.6453



85.0115, -6.2398, -57.8166



85.0115, 35.8511, -33.6324

Sweetspot

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



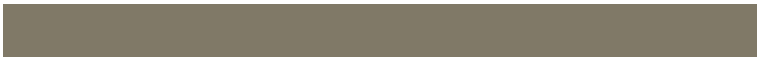
85.0115, -2.8279, 39.7176



95.1237, -5.8694, 18.7756



61.2500, 51.7236, 5.9179



43.7271, -2.7105, 9.3998

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.0115, -2.8279, 39.7176



82.3993, -0.8189, 43.0806



94.5658, -30.9635, 46.3870



44.9100, -2.6755, 6.3128



53.8580, 6.8264, 33.3066



17.3502, 1.1440, 10.7111

Inverse Universe

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



60.0665, 8.7975, -56.2175



53.2402, 14.3368, -72.3009



52.1276, 35.6967, -74.8609



42.6806, -1.8267, -1.8628



25.3615, 31.3575, -99.3914



8.9576, 6.9584, -26.2174

Previews

White Background



This preview shows how the HunterLab color 85.0095, -2.8245, 39.7167 looks on a white background.

Color Contrast Check

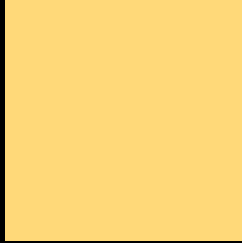
Large Text (above 18pt) WCAG AA × Fail

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 85.0095, -2.8245, 39.7167 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 85.0095, -2.8245, 39.7167 Background



This preview shows how black text looks on a background with the HunterLab color 85.0095, -2.8245, 39.7167.



This preview shows how white text looks on a background with the HunterLab color 85.0095, -2.8245,

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

85.0095, -2.8245, 39.7167

Protanopia

84.9545, -9.2998, 39.3357

Deuteranopia

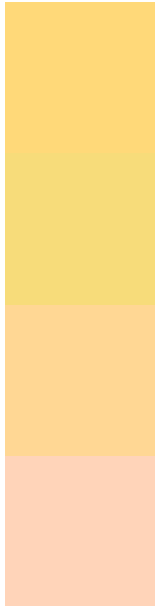
84.8725, 2.8737, 27.8130



Tritanopia

84.9008, 13.5053, 4.7805

Trichromacy



Original Color

85.0095, -2.8245, 39.7167

Protanomaly

85.0680, -7.3083, 39.4577

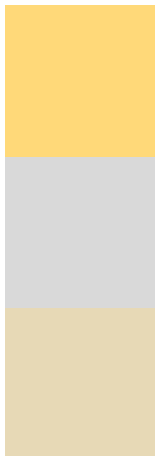
Deuteranomaly

84.8522, 0.6279, 32.7198

Tritanomaly

84.7642, 6.5271, 20.2407

Monochromacy



Original Color

85.0095, -2.8245, 39.7167

Achromatopsia

83.2990, -4.4446, 4.5258

Achromatomaly

83.6612, -5.1383, 20.0979

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.0095, -2.8245, 39.7167 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(255, 217, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 121)  
}
```

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(255, 217, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 121) }
```

Border

The CSS property to change the border of an element to HunterLab 85.0095, -2.8245, 39.7167 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(255, 217, 121) }
```


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

```
.border{ border-color:rgb(255, 217, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
121) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.0095, -2.8245, 39.7167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 121) }
```

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

```
.background{ background-color: rgb(255,  
217, 121) }
```

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