

Converting Colors

HunterLab(84.8996, -14.5841,
47.4101)

Have a look what the booklet for
HunterLab(84.8996, -14.5841,
47.4101) contains.

HunterLab(85.0556, -14.8273, 47.5111)	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(85.0556,
-14.8273, 47.5111)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E04B
RGB	240, 224, 75
RGB Percent	94%, 88%, 29%
CMY	0.0588, 0.1215, 0.7059
CMYK	0.00, 0.07, 0.69, 0.06
HSL	54°, 85%, 62%
HSV	54°, 69%, 94%
XYZ	63.8608, 72.3446, 17.2547
YIQ	211.7980, 57.3650, -42.9470

Conversions

Conversions Part 2

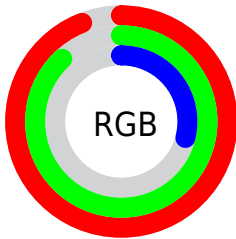
Format	Color
R _Y B	93, 240, 75
Decimal	15786059
CIE Lab	88.14, -10.93, 71.31
CIE LCh	88, 72.145, 98.714
Yxy	72.3480, 0.4161, 0.4714
Android (android.graphics.Color)	4293976139 (0xFFFF0E04B)
YUV	211.7980, -67.4414, 24.7332
Hunter-Lab	85.0556, -14.8273, 47.5111

Details

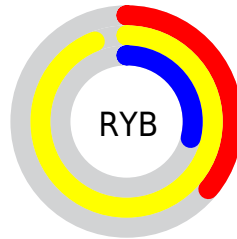
The HunterLab color **85.0556, -14.8273, 47.5111** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **39.0757, 33.8095, -100.4130**, and the grayscale version is **81.3187, -4.3390, 4.4182**.

A 20% lighter version of the original color is **97.1833, -20.9924, 46.1984**, and **61.7084, -12.5026, 37.8055** is the 20% darker color. If you saturate the color by 10%, you get **84.1647, -14.5894, 49.3997**, and if you desaturate by 10%, it is **86.0232, -14.6802, 44.6132**.

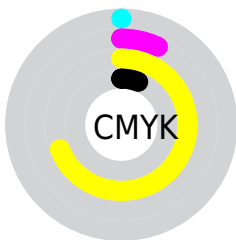
Distribution



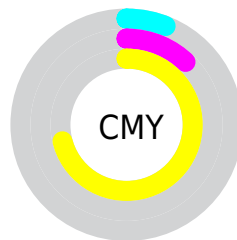
- Red (94%)
- Green (88%)
- Blue (29%)



- Red (36%)
- Yellow (94%)
- Blue (29%)



- Cyan (0%)
- Magenta (7%)
- Yellow (69%)
- Black (6%)



- Cyan (6%)
- Magenta (12%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.0556, -14.8273, 47.5111 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 85.0556, -14.8273, 47.5111 by changing the saturation by 10% instead.

85.0556, -14.8273,
47.5111

85.0556, -14.8273,
47.5111

216.5068,
-25.7706, 83.4382

73.1047, -13.6601,
42.8575

110.7028,
-17.1892, 56.3032

61.7710, -12.4923,
37.9994

124.3455,
-18.3813, 60.4818

51.0923, -11.3230,
32.9146

138.5067,
-19.5834, 64.5388

41.1116, -10.1463,
27.6003

153.1681,
-20.7966, 68.4886

31.8816, -8.9533,
22.3171

168.3131,
-22.0215, 72.3436

23.4693, -7.7299,
16.4285

183.9269,

15.9635, -6.4511,

-23.2585, 76.1143

11.1745

199.9956,
-24.5081, 79.8098

■ 9.4909, -5.5267,
6.6436

0.0000, NaN, NaN

■ 85.0556, -14.8273,
47.5111

■ 85.0556, -14.8273,
47.5111

■ 84.1647, -14.5894,
49.3997

■ 86.0232, -14.6802,
44.6132

■ 83.3380, -13.9942,
50.3695

■ 87.0663, -14.1125,
40.6409

■ 82.5661, -13.1089,
50.5854

■ 88.1904, -13.1094,
35.5537

■ 82.4712, -12.9896,
50.5909

■ 89.3980, -11.6600,
29.3285

■ 90.6907, -9.7590,
21.9570

■ 92.0696, -7.4063,
13.4436

■ 93.5349, -4.6057,
3.8035

■ 94.6663, -3.6562,
-0.9843

■ 95.4020, -4.8849,
-0.0956

Harmonies

Analogous

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



85.0576, 22.2197, 46.0963



85.0556, -14.8273, 47.5111



85.0576, -43.8344, 41.7773

Triad

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



85.0576, -14.8305, 47.5118



85.0576, -52.3125, -48.0447



85.0576, 70.4878, -23.0750

Complementary

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



85.0556, -14.8273, 47.5111



39.0757, 33.8095, -100.4130

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.



85.0576, 43.4979, -64.9042



85.0556, -14.8273, 47.5111



85.0576, -28.3580, -83.0211

Square

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



85.0576, -14.8305, 47.5118



85.0576, -62.9742, -6.0214



85.0576, 6.2578, -90.2258



85.0576, 75.7426, 14.0602

Rectangle

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



85.0556, -14.8273, 47.5111



85.0576, -56.2138, 32.3303



85.0576, 6.2578, -90.2258



85.0576, 63.4634, -37.4161

Sweetspot

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



85.0576, -14.8305, 47.5118



96.8252, -10.9704, 25.4640



49.3174, 59.7795, 19.3991



44.6167, -5.3445, 12.8133

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.0576, -14.8305, 47.5118



89.8442, -15.4456, 53.3923



84.7506, -43.2447, 46.8083



42.6401, -3.5203, 6.5382



61.1082, -9.7502, 37.4839



17.8378, -3.1410, 10.9366

Inverse Universe

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



39.0757, 33.8095, -100.4130



34.2266, 50.3028, -141.9160



41.2154, 54.4633, -92.2394



39.3384, -0.6859, -2.4815



19.6722, 45.6295, -123.0897



6.3604, 10.6270, -30.8905

Previews

White Background



This preview shows how the HunterLab color 85.0556, -14.8273, 47.5111 looks on a white background.

Color Contrast Check

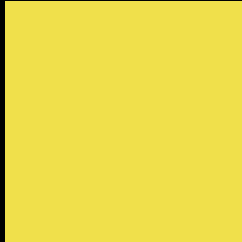
Large Text (above 18pt) WCAG AA × Fail

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 85.0556, -14.8273, 47.5111 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 85.0556, -14.8273, 47.5111 Background



This preview shows how black text looks on a background with the HunterLab color 85.0556, -14.8273, 47.5111.



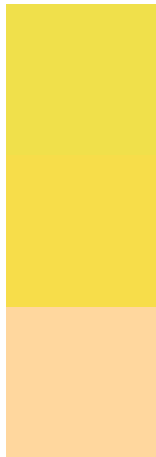
This preview shows how white text looks on a background with the HunterLab color 85.0556,

-14.8273, 47.5111.

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

85.0556, -14.8273, 47.5111

Protanopia

84.8419, -10.7717, 47.5632

Deuteranopia

85.0468, 1.6806, 29.8837



Tritanopia

84.8378, 13.6185, 2.2309

Trichromacy



Original Color

85.0556, -14.8273, 47.5111

Protanomaly

84.8352, -12.4001, 47.5302

Deuteranomaly

84.8677, -4.6714, 37.9461

Tritanomaly

84.2555, 1.0820, 24.8248

Monochromacy



Original Color

85.0556, -14.8273, 47.5111

Achromatopsia

81.1403, -4.3294, 4.4085

Achromatomaly

82.0061, -10.2949, 25.6378

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.0556, -14.8273, 47.5111 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, 224, 75)` looks like.

```
.text, #text, p{  
  color:rgb(240, 224, 75)  
}
```

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, 224, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 224, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 85.0556, -14.8273, 47.5111 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, 224, 75) }
```


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

```
.border{ border-color:rgb(240, 224, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 224, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 224, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 224, 75);  
box-shadow:4px 4px 4px 4px rgb(240, 224,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.0556, -14.8273, 47.5111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 224, 75) }
```

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

```
.background{ background-color: rgb(240,  
224, 75) }
```

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