

Converting Colors

HunterLab(83.6698, -20.4852,
45.9479)

Have a look what the booklet for
HunterLab(83.6698, -20.4852,
45.9479) contains.

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Color

**HunterLab(83.5004,
-20.4122, 45.8428)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E04F
RGB	224, 224, 79
RGB Percent	88%, 88%, 31%
CMY	0.1216, 0.1215, 0.6902
CMYK	0.00, 0.00, 0.65, 0.12
HSL	60°, 70%, 59%
HSV	60°, 65%, 88%
XYZ	58.8074, 69.7232, 17.7556
YIQ	207.4700, 46.5450, -45.0950

Conversions

Conversions Part 2

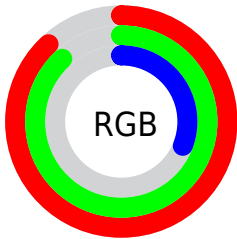
Format	Color
R_{YB}	79, 224, 79
Decimal	14737487
CIE _{Lab}	86.86, -17.31, 68.08
CIE _{LCh}	87, 70.246, 104.267
Yxy	69.7264, 0.4020, 0.4766
Android (android.graphics.Color)	4292927567 (0xFFE0E04F)
YUV	207.4700, -63.3357, 14.4968
Hunter-Lab	83.5004, -20.4122, 45.8428

Details

The HunterLab color **83.5004, -20.4122, 45.8428** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **35.5494, 35.5869, -95.0954**, and the grayscale version is **79.4434, -4.2389, 4.3163**.

A 20% lighter version of the original color is **97.2262, -20.7507, 45.5690**, and **60.3264, -17.5474, 36.6399** is the 20% darker color. If you saturate the color by 10%, you get **83.3385, -21.3444, 48.2619**, and if you desaturate by 10%, it is **83.7314, -19.1182, 42.4683**.

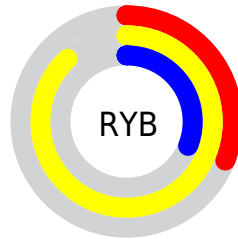
Distribution



Red (88%)

Green (88%)

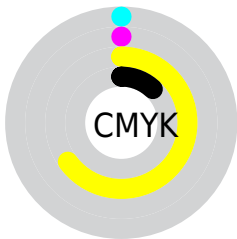
Blue (31%)



Red (31%)

Yellow (88%)

Blue (31%)

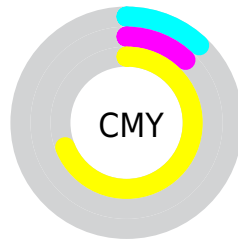


Cyan (0%)

Magenta (0%)

Yellow (65%)

Black (12%)



Cyan (12%)

Magenta (12%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.5004, -20.4122, 45.8428 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 83.5004, -20.4122, 45.8428 by changing the saturation by 10% instead.

83.5004, -20.4122,
45.8428

83.5004, -20.4122,
45.8428

214.3802,
-33.7032, 80.4582

71.6265, -18.9209,
41.3575

109.0039,
-23.3719, 54.3112

60.3740, -17.4086,
36.6709

122.5792,
-24.8426, 58.3351

49.7816, -15.8698,
31.7581

136.6754,
-26.3121, 62.2423

39.8933, -14.2924,
26.6039

151.2741,
-27.7825, 66.0470

30.7634, -12.6585,
21.5344

166.3584,
-29.2556, 69.7613

22.4610, -10.9394,
15.7227

181.9132,

15.0787, -9.0854,

-30.7326, 73.3955

10.5551

197.9247,
-32.2148, 76.9586

■ 8.7162, -9.1202,
6.1013

0.0000, NaN, NaN

■ 83.5004, -20.4122,
45.8428

■ 83.5004, -20.4122,
45.8428

■ 83.3385, -21.3444,
48.2619

■ 83.7314, -19.1182,
42.4683

■ 83.2335, -21.9414,
49.8149

■ 84.0312, -17.4267,
38.0655

■ 83.1790, -22.2516,
50.6215

■ 84.4062, -15.3198,
32.5811

■ 83.1632, -22.3410,
50.8537

■ 84.8601, -12.7824,
25.9757

■ 85.3959, -9.8047,
18.2237

■ 86.0161, -6.3817,
9.3120

■ 86.7226, -2.5130,
-0.7609

■ 87.3975, 1.1534,
-10.3073

■ 87.3976, 1.1537,
-10.3072

Harmonies

Analogous

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



83.5023, 14.5940, 45.6818



83.5004, -20.4122, 45.8428



83.5023, -46.4548, 38.6345

Triad

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



83.5023, -20.4150, 45.8434



83.5023, -47.4151, -53.6660



83.5023, 70.7401, -14.7556

Complementary

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



83.5004, -20.4122, 45.8428



35.5494, 35.5869, -95.0954

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.



83.5023, 47.9305, -55.5644



83.5004, -20.4122, 45.8428



83.5023, -21.9451, -83.6034

Square

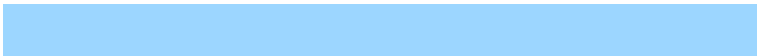
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.5023, -20.4150, 45.8434



83.5023, -60.2117, -12.8318



83.5023, 12.7910, -84.4140



83.5023, 71.3328, 18.8405

Rectangle

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



83.5004, -20.4122, 45.8428



83.5023, -56.8728, 27.8478



83.5023, 12.7910, -84.4140



83.5023, 65.2676, -28.3228

Sweetspot

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



83.5023, -20.4150, 45.8434



98.6218, -12.9389, 25.2281



46.9100, 50.8982, 20.4463



45.5453, -6.4400, 12.8532

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.5023, -20.4150, 45.8434



96.4701, -25.0294, 56.6989



77.7862, -42.2126, 41.5536



40.0369, -3.7607, 6.3798



63.4463, -17.0442, 38.7970



16.7040, -4.4872, 10.2143

Inverse Universe

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



35.5494, 35.5869, -95.0954



33.0181, 56.3201, -148.5538



41.9554, 50.4193, -72.9286



36.3914, -0.1546, -2.6485



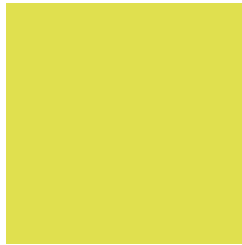
17.6993, 48.0091, -125.7589



4.6599, 12.6398, -33.1084

Previews

White Background



This preview shows how the HunterLab color 83.5004, -20.4122, 45.8428 looks on a white background.

Color Contrast Check

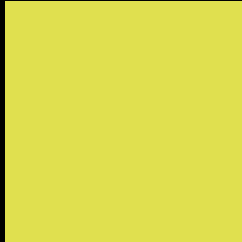
Large Text (above 18pt) WCAG AA × Fail

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 83.5004, -20.4122, 45.8428 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 83.5004, -20.4122, 45.8428 Background



This preview shows how black text looks on a background with the HunterLab color 83.5004, -20.4122, 45.8428.



This preview shows how white text looks on a background with the HunterLab color 83.5004,

-20.4122, 45.8428.

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

83.5004, -20.4122, 45.8428

Protanopia

83.5065, -10.6726, 46.2844

Deuteranopia

83.2867, 2.8161, 32.5869



Tritanopia

83.5232, 7.7802, 0.5272

Trichromacy



Original Color

83.5004, -20.4122, 45.8428

Protanomaly

83.4082, -14.2204, 46.0233

Deuteranomaly

83.1806, -6.0827, 38.4833

Tritanomaly

83.0311, -4.6055, 22.8519

Monochromacy



Original Color

83.5004, -20.4122, 45.8428

Achromatopsia

78.9912, -4.2148, 4.2917

Achromatomaly

80.1703, -12.0954, 24.5930

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.5004, -20.4122, 45.8428 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(224, 224, 79)` looks like.

```
.text, #text, p{  
    color:rgb(224, 224, 79)  
}
```

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(224, 224, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 224, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 83.5004, -20.4122, 45.8428 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(224, 224, 79) }
```


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

```
.border{ border-color:rgb(224, 224, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 224, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 224, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 224, 79);  
box-shadow:4px 4px 4px 4px rgb(224, 224,  
79) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.5004, -20.4122, 45.8428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 224, 79) }
```

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

```
.background{ background-color: rgb(224,  
224, 79) }
```

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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