

Converting Colors

HunterLab(87.1433, -7.9711,
44.7349)

Have a look what the booklet for
HunterLab(87.1433, -7.9711,
44.7349) contains.

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Color

**HunterLab(87.2410, -8.0894,
44.7152)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE168
RGB	255, 225, 104
RGB Percent	100%, 88%, 41%
CMY	0.0000, 0.1176, 0.5921
CMYK	0.00, 0.12, 0.59, 0.00
HSL	48°, 100%, 70%
HSV	48°, 59%, 100%
XYZ	70.6639, 76.1099, 24.0630
YIQ	220.1760, 56.7210, -31.2710

Conversions

Conversions Part 2

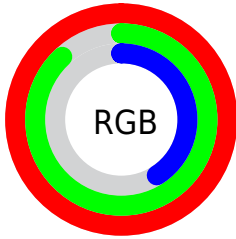
Format	Color
R_{YB}	141, 255, 104
Decimal	16769384
CIE _{Lab}	89.91, -3.56, 61.69
CIE _{LCh}	90, 61.788, 93.300
Yxy	76.1135, 0.4136, 0.4455
Android (android.graphics.Color)	4294959464 (0xFFFFE168)
YUV	220.1760, -57.2748, 30.5406
Hunter-Lab	87.2410, -8.0894, 44.7152

Details

The HunterLab color **87.2410, -8.0894, 44.7152** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **52.1655, 19.1792, -75.0484**, and the grayscale version is **84.8999, -4.5300, 4.6128**.

A 20% lighter version of the original color is **97.6131, -18.5734, 39.9004**, and **63.6972, -6.5658, 36.4303** is the 20% darker color. If you saturate the color by 10%, you get **85.4242, -6.9607, 47.4476**, and if you desaturate by 10%, it is **89.1583, -8.7703, 40.8571**.

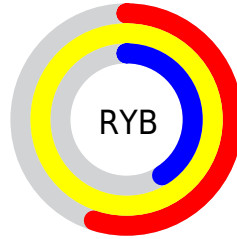
Distribution



Red (100%)

Green (88%)

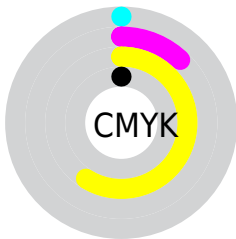
Blue (41%)



Red (55%)

Yellow (100%)

Blue (41%)

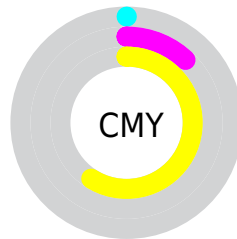


Cyan (0%)

Magenta (12%)

Yellow (59%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.2410, -8.0894, 44.7152 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 87.2410, -8.0894, 44.7152 by changing the saturation by 10% instead.

87.2410, -8.0894,
44.7152

87.2410, -8.0894,
44.7152

219.4849,
-16.4088, 76.2617

75.1835, -7.2799,
40.6662

113.0873, -9.7879,
52.3803

63.7373, -6.4906,
36.4394

126.8235,
-10.6695, 56.0336

52.9394, -5.7250,
32.0071

141.0749,
-11.5731, 59.5885

42.8312, -4.9831,
27.3395

155.8233,
-12.4984, 63.0574

33.4635, -4.2643,
22.5415

171.0527,
-13.4450, 66.4509

24.9002, -3.5673,
17.4301

186.7481,

17.2255, -2.8888,

-14.4126, 69.7778

12.0579

202.8964,
-15.4006, 73.0459

■ 10.5576, -2.2213,
7.3903

0.0000, NaN, NaN

■ 87.2410, -8.0894,
44.7152

■ 87.2410, -8.0894,
44.7152

■ 85.4242, -6.9607,
47.4476

■ 89.1583, -8.7703,
40.8571

■ 83.6989, -5.3953,
49.0942

■ 91.1711, -8.9823,
35.8545

■ 82.0619, -3.4314,
49.7346

■ 93.2818, -8.7254,
29.7106

■ 80.5020, -1.1386,
49.5426

■ 95.4897, -8.0024,
22.4428

■ 80.3812, -0.9526,
49.5138

■ 97.7936, -6.8208,
14.0789

99.9999, -5.3359,
5.4331

Harmonies

Analogous

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



87.2431, 24.0197, 41.9408



87.2410, -8.0894, 44.7152



87.2431, -35.2652, 40.2934

Triad

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



87.2431, -8.0928, 44.7160



87.2431, -49.4237, -32.8323



87.2431, 55.7862, -25.0426

Complementary

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



87.2410, -8.0894, 44.7152



52.1655, 19.1792, -75.0484

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.



87.2431, 30.8497, -57.8234



87.2410, -8.0894, 44.7152



87.2431, -30.0548, -63.3223

Square

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



87.2431, -8.0928, 44.7160



87.2431, -56.9182, 1.3930



87.2431, -1.1728, -73.7802



87.2431, 63.8135, 7.9765

Rectangle

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



87.2410, -8.0894, 44.7152



87.2431, -47.8069, 32.4726



87.2431, -1.1728, -73.7802



87.2431, 48.9458, -36.7930

Sweetspot

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



87.2431, -8.0928, 44.7160



95.7646, -7.8832, 21.4851



57.3482, 56.8493, 12.9383



44.0017, -3.7741, 10.9894

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.2431, -8.0928, 44.7160



85.1096, -6.7122, 47.8196



92.8315, -37.9478, 48.1728



45.2123, -3.1744, 6.6329



58.2898, -1.0041, 35.9003



18.5928, -0.9922, 11.4394

Inverse Universe

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



52.1655, 19.1792, -75.0484



44.5049, 28.1487, -98.1213



48.5174, 45.5194, -84.9205



42.3814, -1.3247, -2.2369



22.7114, 39.8264, -114.3610



8.0413, 9.4122, -30.3692

Previews

White Background



This preview shows how the HunterLab color 87.2410, -8.0894, 44.7152 looks on a white background.

Color Contrast Check

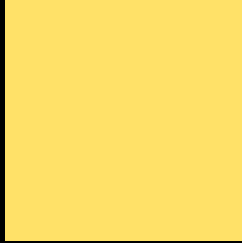
Large Text (above 18pt) WCAG AA × Fail

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 87.2410, -8.0894, 44.7152 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 87.2410, -8.0894, 44.7152 Background



This preview shows how black text looks on a background with the HunterLab color 87.2410, -8.0894, 44.7152.

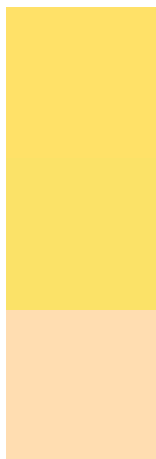


This preview shows how white text looks on a background with the HunterLab color 87.2410, -8.0894,

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

87.2410, -8.0894, 44.7152

Protanopia

87.1214, -10.1100, 44.5939

Deuteranopia

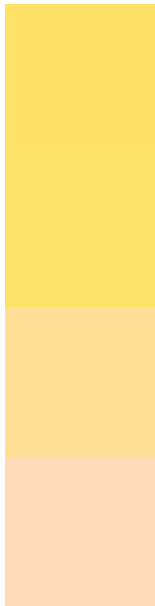
87.2624, 0.7735, 25.5227



Tritanopia

87.1626, 10.8865, 3.9722

Trichromacy



Original Color

87.2410, -8.0894, 44.7152

Protanomaly

87.2282, -9.7320, 44.6773

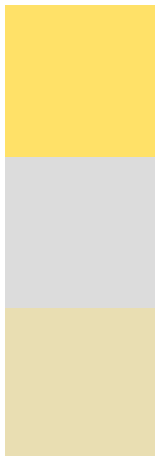
Deuteranomaly

87.0084, -2.7775, 33.9035

Tritanomaly

86.7997, 2.5790, 22.9295

Monochromacy



Original Color

87.2410, -8.0894, 44.7152

Achromatopsia

84.5987, -4.5140, 4.5964

Achromatomaly

85.3115, -7.5157, 23.1647

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.2410, -8.0894, 44.7152 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, 225, 104)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 104)  
}
```

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, 225, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 87.2410, -8.0894, 44.7152 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, 225, 104) }
```


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

```
.border{ border-color:rgb(255, 225, 104) }
```

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

Here you see how a box with a 4 pixel rgb(255, 225, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 104);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.2410, -8.0894, 44.7152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 104) }
```

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

```
.background{ background-color: rgb(255,  
225, 104) }
```

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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