

Converting Colors

HunterLab(89.1244, -1.8713,
44.6666)

Have a look what the booklet for
HunterLab(89.1244, -1.8713,
44.6666) contains.

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Color

**HunterLab(87.3386, -7.5512,
43.2791)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE170
RGB	255, 225, 112
RGB Percent	100%, 88%, 44%
CMY	0.0000, 0.1176, 0.5608
CMYK	0.00, 0.12, 0.56, 0.00
HSL	47°, 100%, 72%
HSV	47°, 56%, 100%
XYZ	71.0899, 76.2803, 26.3061
YIQ	221.0880, 54.1530, -28.7830

Conversions

Conversions Part 2

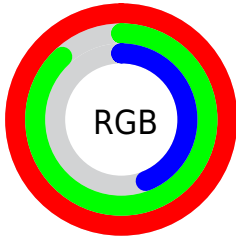
Format	Color
R_{YB}	150, 255, 112
Decimal	16769392
CIE _{Lab}	89.99, -2.99, 58.18
CIE _{LCh}	90, 58.253, 92.941
Yxy	76.2839, 0.4093, 0.4392
Android (android.graphics.Color)	4294959472 (0xFFFFE170)
YUV	221.0880, -53.7804, 29.7408
Hunter-Lab	87.3386, -7.5512, 43.2791

Details

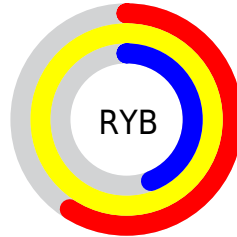
The HunterLab color **87.3386, -7.5512, 43.2791** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **54.7812, 16.2383, -68.3538**, and the grayscale version is **85.2820, -4.5504, 4.6335**.

A 20% lighter version of the original color is **97.7599, -17.7497, 37.7558**, and **63.7709, -6.1583, 35.3406** is the 20% darker color. If you saturate the color by 10%, you get **85.4091, -6.4230, 46.3304**, and if you desaturate by 10%, it is **89.3712, -8.2264, 39.0992**.

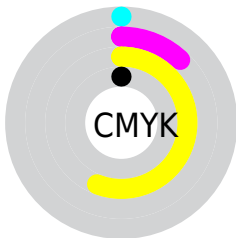
Distribution



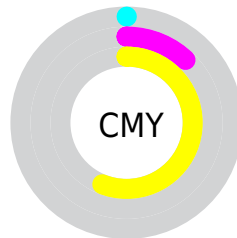
- Red (100%)
- Green (88%)
- Blue (44%)



- Red (59%)
- Yellow (100%)
- Blue (44%)



- Cyan (0%)
- Magenta (12%)
- Yellow (56%)
- Black (0%)



- Cyan (0%)
- Magenta (12%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.3386, -7.5512, 43.2791 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 87.3386, -7.5512, 43.2791 by changing the saturation by 10% instead.

87.3386, -7.5512,
43.2791

87.3386, -7.5512,
43.2791

219.6176,
-15.6712, 73.2971

75.2764, -6.7686,
39.4407

113.1937, -9.1995,
50.5522

63.8252, -6.0077,
35.4348

126.9341,
-10.0575, 54.0228

53.0220, -5.2723,
31.2329

141.1894,
-10.9385, 57.4028

42.9082, -4.5628,
26.8030

155.9417,
-11.8419, 60.7040

33.5344, -3.8790,
22.1423

171.1748,
-12.7673, 63.9362

24.9645, -3.2206,
17.4751

186.8739,

17.2824, -2.5855,

-13.7143, 67.1078

12.0977

203.0256,
-14.6824, 70.2261

■ 10.6059, -1.9687,
7.4241

0.0000, NaN, NaN

■ 87.3386, -7.5512,
43.2791

■ 87.3386, -7.5512,
43.2791

■ 85.4091, -6.4230,
46.3304

■ 89.3712, -8.2264,
39.0992

■ 83.5745, -4.8486,
48.2809

■ 91.5013, -8.4312,
33.7817

■ 81.8329, -2.8606,
49.1943

■ 93.7305, -8.1686,
27.3378

■ 80.1771, -0.5069,
49.1835

■ 96.0576, -7.4439,
19.7912

■ 79.5446, 0.4797,
49.0234

■ 98.4810, -6.2667,
11.1750

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.



87.3407, 22.6446, 40.4312



87.3386, -7.5512, 43.2791



87.3407, -33.4000, 38.9796

Triad

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



87.3407, -7.5545, 43.2799



87.3407, -47.3258, -29.9429



87.3407, 51.7619, -23.5032

Complementary

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



87.3386, -7.5512, 43.2791



54.7812, 16.2383, -68.3538

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.



87.3407, 28.3444, -53.6826



87.3386, -7.5512, 43.2791



87.3407, -28.9833, -58.1854

Square

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



87.3407, -7.5545, 43.2799



87.3407, -54.3704, 1.9418



87.3407, -1.7373, -68.0573



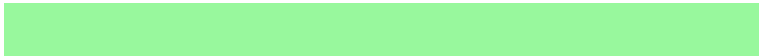
87.3407, 59.4573, 7.4760

Rectangle

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



87.3386, -7.5512, 43.2791



87.3407, -45.4521, 31.4060



87.3407, -1.7373, -68.0573



87.3407, 45.3276, -34.3819

Sweetspot

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



87.3407, -7.5545, 43.2799



95.8390, -7.5299, 20.5332



59.0184, 53.9641, 11.2110



44.1204, -3.5641, 10.2321

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.3407, -7.5545, 43.2799



85.2359, -6.2959, 46.5560



93.3052, -35.9543, 47.1233



45.1727, -3.1092, 6.5910



57.6939, 0.0127, 35.5509



18.4265, -0.7147, 11.3418

Inverse Universe

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



54.7812, 16.2383, -68.3538



47.4775, 23.8182, -88.4741



50.5318, 41.8831, -79.1339



42.4205, -1.3905, -2.1879



23.0171, 38.7767, -112.4771



8.1533, 9.0924, -29.8187

Previews

White Background



This preview shows how the HunterLab color 87.3386, -7.5512, 43.2791 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 87.3386, -7.5512, 43.2791 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 87.3386, -7.5512, 43.2791 Background



This preview shows how black text looks on a background with the HunterLab color 87.3386, -7.5512, 43.2791.



This preview shows how white text looks on a background with the HunterLab color 87.3386, -7.5512,

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

87.3386, -7.5512, 43.2791

Protanopia

87.4382, -10.3731, 43.1039

Deuteranopia

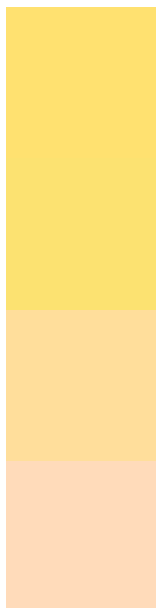
87.3084, 1.0227, 24.8554



Tritanopia

87.1626, 10.8865, 3.9722

Trichromacy



Original Color

87.3386, -7.5512, 43.2791

Protanomaly

87.3387, -9.1210, 43.0524

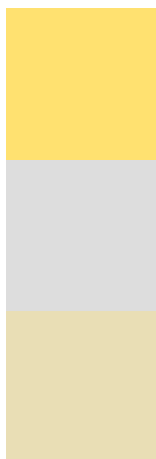
Deuteranomaly

87.1029, -2.2620, 32.5244

Tritanomaly

86.8724, 2.9712, 21.8775

Monochromacy



Original Color

87.3386, -7.5512, 43.2791

Achromatopsia

85.0326, -4.5371, 4.6200

Achromatomaly

85.3829, -7.1224, 22.1314

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.3386, -7.5512, 43.2791 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, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 112)  
}
```

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, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 87.3386, -7.5512, 43.2791 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, 112) }
```


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

```
.border{ border-color:rgb(255, 225, 112) }
```

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, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 225, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 225, 112); box-shadow:4px 4px 4px 4px rgb(255, 225, 112) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.3386, -7.5512, 43.2791 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, 112) }
```

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

```
.background{ background-color: rgb(255,  
225, 112) }
```

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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