

Converting Colors

HunterLab(87.4661, -46.8818,
20.2424)

Have a look what the booklet for
HunterLab(87.4661, -46.8818,
20.2424) contains.

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Color

**HunterLab(87.4783,
-46.8092, 20.0666)**

Conversions

Conversions Part 1

Format	Color
Hex	7EFABE
RGB	126, 250, 190
RGB Percent	49%, 98%, 75%
CMY	0.5059, 0.0196, 0.2549
CMYK	0.50, 0.00, 0.24, 0.02
HSL	151°, 93%, 74%
HSV	151°, 50%, 98%
XYZ	52.0841, 76.5245, 60.7409
YIQ	206.0840, -54.6440, -44.9480

Conversions

Conversions Part 2

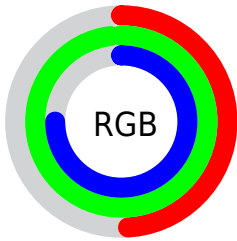
Format	Color
RYB	126, 208, 250
Decimal	8321726
CIELab	90.10, -48.18, 18.30
CIELCh	90, 51.536, 159.207
Yxy	76.5276, 0.2751, 0.4041
Android (android.graphics.Color)	4286511806 (0xFF7EFABE)
YUV	206.0840, -7.9294, -70.2337
Hunter-Lab	87.4783, -46.8092, 20.0666

Details

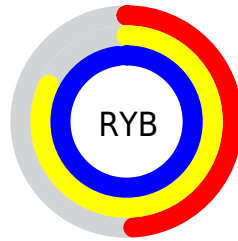
The HunterLab color **87.4783, -46.8092, 20.0666** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **62.2837, 50.7801, -4.9562**, and the grayscale version is **78.6498, -4.1966, 4.2732**.

A 20% lighter version of the original color is **94.0681, -27.2317, 2.5336**, and **64.0371, -40.6275, 17.1822** is the 20% darker color. If you saturate the color by 10%, you get **86.2272, -52.4009, 23.2884**, and if you desaturate by 10%, it is **89.0071, -40.2027, 16.8795**.

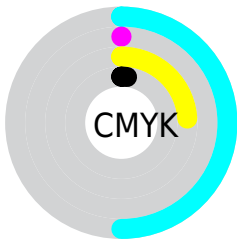
Distribution



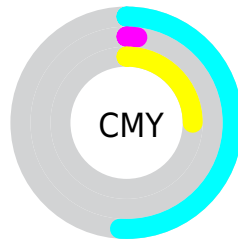
- Red (49%)
- Green (98%)
- Blue (75%)



- Red (49%)
- Yellow (82%)
- Blue (98%)



- Cyan (50%)
- Magenta (0%)
- Yellow (24%)
- Black (2%)





- Cyan (51%)
- Magenta (2%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.4783, -46.8092, 20.0666 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 87.4783, -46.8092, 20.0666 by changing the saturation by 10% instead.


 87.4783, -46.8092,
20.0666


 87.4783, -46.8092,
20.0666


219.8072,
-71.9425, 33.7757


 75.4091, -43.6775,
18.5153


 113.3457,
-52.7909, 23.1307

 63.9508, -40.4221,
16.9408


 127.0920,
-55.6692, 24.6509

 53.1401, -37.0143,
15.3346


 141.3530,
-58.4878, 26.1678

 43.0182, -33.4133,
13.6835

156.1108,
-61.2555, 27.6840

 33.6357, -29.5604,
11.9683

171.3492,
-63.9793, 29.2014

 25.0563, -25.3671,
10.1594

187.0535,

 17.3637, -20.6919,

-66.6652, 30.7217

8.2085

203.2103,
-69.3182, 32.2461

■ 10.6750, -18.6812,
7.4725

■ 1.0717, -1.8755,
0.7502

■ 87.4783, -46.8092,
20.0666

■ 87.4783, -46.8092,
20.0666

■ 86.2272, -52.4009,
23.2884

■ 89.0071, -40.2027,
16.8795

■ 85.2389, -56.9580,
26.4971


■ 90.8128, -32.6237,
13.7660


■ 84.4993, -60.5011,
29.6464


■ 92.8974, -24.1409,
10.7635


■ 83.9851, -63.0928,
32.6877

■ 95.2573, -14.8367,
7.9027

 83.6536, -64.8903,
35.5631

 97.8861, -4.8027,
5.2079

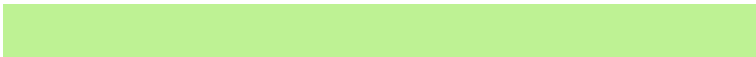
 83.6420, -64.9544,
35.6727

 98.4144, -2.6806,
3.5989

Harmonies

Analogous

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



87.4801, -34.1826, 34.2597



87.4783, -46.8092, 20.0666



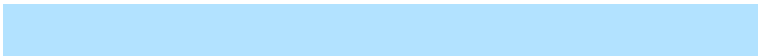
87.4801, -48.8949, -3.2239

Triad

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



87.4801, -46.8103, 20.0675



87.4801, 3.5007, -56.6684



87.4801, 37.6993, 29.8783

Complementary

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



87.4783, -46.8092, 20.0666



62.2837, 50.7801, -4.9562

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.



87.4801, 50.5683, 12.0591



87.4783, -46.8092, 20.0666



87.4801, 29.3560, -40.8827

Square

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



87.4801, -46.8103, 20.0675



87.4801, -21.7810, -52.6413



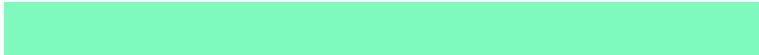
87.4801, 47.3481, -13.9330



87.4801, 13.8613, 38.6621

Rectangle

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



87.4783, -46.8092, 20.0666



87.4801, -44.3009, -21.8762



87.4801, 47.3481, -13.9330



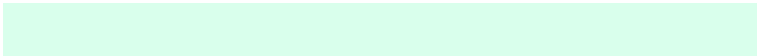
87.4801, 43.5714, 24.9967

Sweetspot

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



87.4801, -46.8103, 20.0675



96.0823, -20.4266, 9.6474



89.7620, -40.3672, 41.5658



44.2204, -10.3682, 4.7513

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.4801, -46.8103, 20.0675



88.1360, -53.8318, 23.9706



89.2817, -36.1904, -5.6819



44.1122, -6.8219, 3.6452



60.9398, -47.1570, 25.6289



18.6036, -13.9942, 6.9567

Inverse Universe

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



62.2837, 50.7801, -4.9562



58.2226, 63.1474, -4.8633



60.6248, 43.0469, 18.8053



41.6715, 2.4410, 1.1118



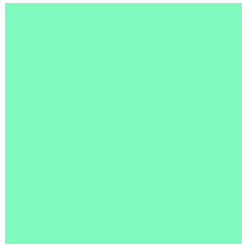
33.9723, 60.4176, 4.5956



10.4414, 18.7602, -0.0663

Previews

White Background



This preview shows how the HunterLab color 87.4783, -46.8092, 20.0666 looks on a white background.

Color Contrast Check

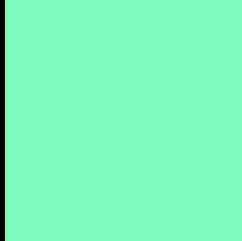
Large Text (above 18pt) WCAG AA × Fail

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 87.4783, -46.8092, 20.0666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

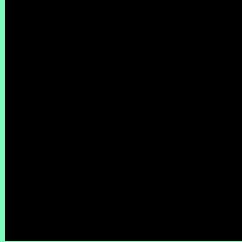
Any Text WCAG AA ✓ Pass

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 87.4783, -46.8092, 20.0666 Background



This preview shows how black text looks on a background with the HunterLab color 87.4783, -46.8092, 20.0666.



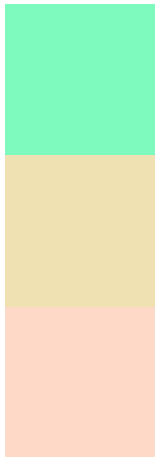
This preview shows how white text looks on a background with the HunterLab color 87.4783,

-46.8092, 20.0666.

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

87.4783, -46.8092, 20.0666

Protanopia

86.9425, -6.5937, 24.7350

Deuteranopia

86.6079, 5.8186, 16.4794



Tritanopia

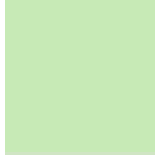
87.1471, -22.8064, -11.0655

Trichromacy



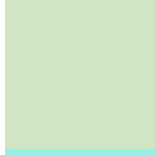
Original Color

87.4783, -46.8092, 20.0666



Protanomaly

86.2352, -23.7782, 22.2938



Deuteranomaly

85.6937, -16.6611, 16.3791



Tritanomaly

86.9308, -32.2362, 1.4392

Monochromacy



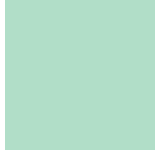
Original Color

87.4783, -46.8092, 20.0666



Achromatopsia

78.5625, -4.1919, 4.2684



Achromatomaly

81.0924, -21.5548, 9.6392

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.4783, -46.8092, 20.0666 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(126, 250, 190)` looks like.

```
.text, #text, p{  
    color:rgb(126, 250, 190)  
}
```

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(126, 250, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 250, 190) }
```

Border

The CSS property to change the border of an element to HunterLab 87.4783, -46.8092, 20.0666 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(126, 250, 190) }
```


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

```
.border{ border-color:rgb(126, 250, 190) }
```

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

Here you see how a box with a 4 pixel rgb(126, 250, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 250, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 250, 190);  
box-shadow:4px 4px 4px 4px rgb(126, 250,  
190) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.4783, -46.8092, 20.0666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 250, 190) }
```

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

```
.background{ background-color: rgb(126,  
250, 190) }
```

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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