

Converting Colors

HunterLab(87.7105, -48.5477,
12.4491)

Have a look what the booklet for
HunterLab(87.7105, -48.5477,
12.4491) contains.

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Color

**HunterLab(87.7118,
-48.5376, 12.4226)**

Conversions

Conversions Part 1

Format	Color
Hex	64FCD1
RGB	100, 252, 209
RGB Percent	39%, 99%, 82%
CMY	0.6078, 0.0117, 0.1804
CMYK	0.60, 0.00, 0.17, 0.01
HSL	163°, 96%, 69%
HSV	163°, 60%, 99%
XYZ	51.5746, 76.9336, 72.4531
YIQ	201.6500, -76.7890, -45.5970

Conversions

Conversions Part 2

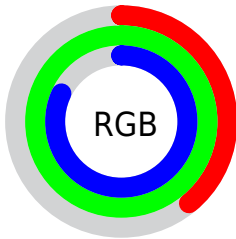
Format	Color
RYB	100, 189, 252
Decimal	6618321
CIELab	90.29, -50.33, 8.65
CIELCh	90, 51.070, 170.244
Yxy	76.9366, 0.2566, 0.3828
Android (android.graphics.Color)	4284808401 (0xFF64FCD1)
YUV	201.6500, 3.6236, -89.1470
Hunter-Lab	87.7118, -48.5376, 12.4226

Details

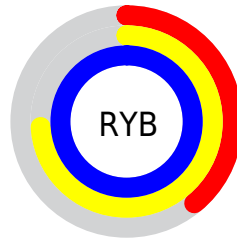
The HunterLab color **87.7118, -48.5376, 12.4226** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **56.3870, 58.5357, 8.4427**, and the grayscale version is **76.7127, -4.0932, 4.1679**.

A 20% lighter version of the original color is **93.0196, -30.5414, -3.5187**, and **64.3453, -42.0202, 10.3397** is the 20% darker color. If you saturate the color by 10%, you get **86.8157, -52.5290, 14.4690**, and if you desaturate by 10%, it is **88.8615, -43.5986, 10.5869**.

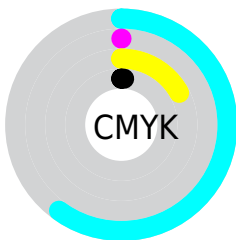
Distribution



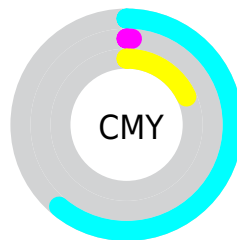
- Red (39%)
- Green (99%)
- Blue (82%)



- Red (39%)
- Yellow (74%)
- Blue (99%)



- Cyan (60%)
- Magenta (0%)
- Yellow (17%)
- Black (1%)





- Cyan (61%)
- Magenta (1%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.7118, -48.5376, 12.4226 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 87.7118, -48.5376, 12.4226 by changing the saturation by 10% instead.


 87.7118, -48.5376,
12.4226


 87.7118, -48.5376,
12.4226


220.1245,
-74.5188, 22.6069


 75.6313, -45.2877,
11.3610


 113.6002,
-54.7363, 14.5848

 64.1612, -41.9067,
10.3081


 127.3564,
-57.7155, 15.6856

 53.3378, -38.3642,
9.2622


 141.6269,
-60.6309, 16.8010

 43.2025, -34.6175,
8.2193

156.3940,
-63.4914, 17.9313

 33.8056, -30.6051,
7.1729

171.6413,
-66.3046, 19.0769

 25.2103, -26.2350,
6.1130

187.3543,

 17.5000, -21.3609,

-69.0769, 20.2379

5.0216

203.5194,
-71.8135, 21.4146

■ 10.7909, -18.8841,
4.0613

■ 1.7993, -3.1488,
1.2595

■ 87.7118, -48.5376,
12.4226

■ 87.7118, -48.5376,
12.4226

■ 86.8157, -52.5290,
14.4690

■ 88.8615, -43.5986,
10.5869

■ 86.1511, -55.6022,
16.6850

■ 90.2706, -37.7114,
8.9901

■ 85.6953, -57.8299,
19.0264

■ 91.9472, -30.9060,
7.6572

■ 85.4095, -59.3435,
21.3512

■ 93.8931, -23.2335,
6.6045

■ 96.1065, -14.7611,
5.8415

■ 98.5827, -5.5661,
5.3708

■ 99.0472, -3.7452,
4.3343

Harmonies

Analogous

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



87.7135, -39.7570, 29.9739



87.7118, -48.5376, 12.4226



87.7135, -46.6619, -13.2355

Triad

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



87.7135, -48.5383, 12.4236



87.7135, 13.2067, -52.2646



87.7135, 29.4627, 33.9274

Complementary

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



87.7118, -48.5376, 12.4226



56.3870, 58.5357, 8.4427

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.



87.7135, 47.0579, 19.6257



87.7118, -48.5376, 12.4226



87.7135, 36.9440, -31.2156

Square

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



87.7135, -48.5383, 12.4236



87.7135, -12.9594, -55.8656



87.7135, 49.9441, -3.6322



87.7135, 3.9083, 39.7886

Rectangle

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



87.7118, -48.5376, 12.4226



87.7135, -39.5294, -31.6445



87.7135, 49.9441, -3.6322



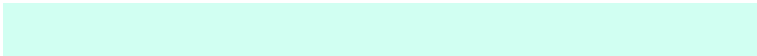
87.7135, 36.6234, 30.1818

Sweetspot

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



87.7135, -48.5383, 12.4236



95.6565, -21.6377, 6.4894



87.4012, -53.9977, 44.7313



43.9679, -11.1236, 3.1230

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.7135, -48.5383, 12.4236



87.8575, -53.8430, 15.0418



77.7421, -25.4304, -22.7802



44.1814, -6.4362, 2.6571



61.6639, -42.6981, 15.0984



18.8145, -12.6992, 3.8974

Inverse Universe

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



56.3870, 58.5357, 8.4427



52.2074, 69.7269, 11.9818



61.9472, 38.0467, 27.2970



41.6004, 2.0589, 2.1254



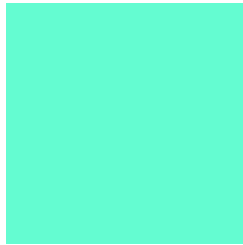
33.2281, 57.6884, 15.3918



10.1976, 17.8703, 3.4379

Previews

White Background



This preview shows how the HunterLab color 87.7118, -48.5376, 12.4226 looks on a white background.

Color Contrast Check

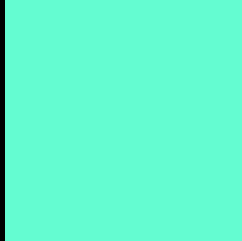
Large Text (above 18pt) WCAG AA × Fail

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 87.7118, -48.5376, 12.4226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

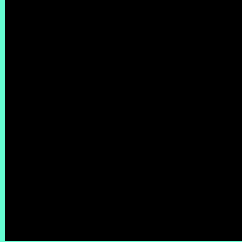
Any Text WCAG AA ✓ Pass

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 87.7118, -48.5376, 12.4226 Background



This preview shows how black text looks on a background with the HunterLab color 87.7118, -48.5376, 12.4226.



This preview shows how white text looks on a background with the HunterLab color 87.7118,

-48.5376, 12.4226.

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

87.7118, -48.5376, 12.4226

Protanopia

86.9617, -5.6919, 18.2849

Deuteranopia

86.8474, 6.0522, 9.2693



Tritanopia

87.4693, -25.0619, -10.6693

Trichromacy



Original Color

87.7118, -48.5376, 12.4226



Protanomaly

86.1113, -25.0208, 14.9998



Deuteranomaly

85.4399, -18.2923, 8.6435



Tritanomaly

87.1925, -34.3103, -1.8767

Monochromacy



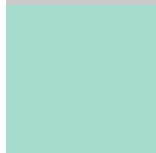
Original Color

87.7118, -48.5376, 12.4226



Achromatopsia

76.8517, -4.1006, 4.1755



Achromatomaly

79.7455, -22.8692, 5.7963

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.7118, -48.5376, 12.4226 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(100, 252, 209)` looks like.

```
.text, #text, p{  
    color:rgb(100, 252, 209)  
}
```

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(100, 252, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 252, 209) }
```

Border

The CSS property to change the border of an element to HunterLab 87.7118, -48.5376, 12.4226 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(100, 252, 209) }
```


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

```
.border{ border-color:rgb(100, 252, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 252, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(100, 252, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(100, 252, 209); box-shadow:4px 4px 4px 4px rgb(100, 252, 209) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.7118, -48.5376, 12.4226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 252, 209) }
```

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

```
.background{ background-color: rgb(100,  
252, 209) }
```

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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