

Converting Colors

HunterLab(86.7001, -48.0796,
12.5798)

Have a look what the booklet for
HunterLab(86.7001, -48.0796,
12.5798) contains.

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Color

**HunterLab(86.5218,
-47.9261, 12.4612)**

Conversions

Conversions Part 1

Format	Color
Hex	63F9CE
RGB	99, 249, 206
RGB Percent	39%, 98%, 81%
CMY	0.6117, 0.0235, 0.1921
CMYK	0.60, 0.00, 0.17, 0.02
HSL	163°, 93%, 68%
HSV	163°, 60%, 98%
XYZ	50.1618, 74.8602, 70.1982
YIQ	199.2480, -75.5970, -45.1730

Conversions

Conversions Part 2

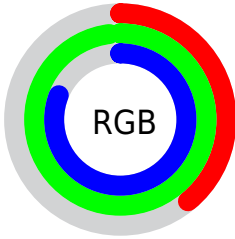
Format	Color
R_{YB}	99, 187, 249
Decimal	6552014
CIE _{Lab}	89.33, -49.94, 8.82
CIE _{LCh}	89, 50.709, 169.980
Yxy	74.8632, 0.2570, 0.3835
Android (android.graphics.Color)	4284742094 (0xFF63F9CE)
YUV	199.2480, 3.3287, -87.9175
Hunter-Lab	86.5218, -47.9261, 12.4612

Details

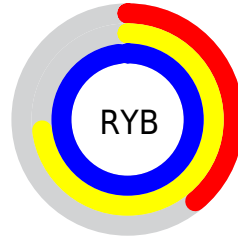
The HunterLab color **86.5218, -47.9261, 12.4612** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **55.6941, 57.7017, 8.0822**, and the grayscale version is **75.6895, -4.0386, 4.1124**.

A 20% lighter version of the original color is **92.9631, -30.7537, -3.5939**, and **63.2189, -41.4083, 10.3706** is the 20% darker color. If you saturate the color by 10%, you get **85.6336, -51.8848, 14.5056**, and if you desaturate by 10%, it is **87.6602, -43.0323, 10.6217**.

Distribution



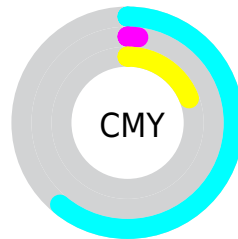
- Red (39%)
- Green (98%)
- Blue (81%)



- Red (39%)
- Yellow (73%)
- Blue (98%)



- Cyan (60%)
- Magenta (0%)
- Yellow (17%)
- Black (2%)





- Cyan (61%)
- Magenta (2%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.5218, -47.9261, 12.4612 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 86.5218, -47.9261, 12.4612 by changing the saturation by 10% instead.


 86.5218, -47.9261,
12.4612

 86.5218, -47.9261,
12.4612


218.5056,
-73.7978, 22.6931


 74.4989, -44.6870,
11.3923


 112.3026,
-54.1014, 14.6362

 63.0895, -41.3156,
10.3314


 126.0082,
-57.0685, 15.7429

 52.3305, -37.7812,
9.2765


 140.2300,
-59.9715, 16.8637

 42.2640, -34.0397,
8.2233

154.9499,
-62.8196, 17.9991

 32.9413, -30.0281,
7.1649

170.1516,
-65.6205, 19.1496

 24.4273, -25.6513,
6.0904

185.8203,

 16.8077, -20.7599,

-68.3804, 20.3153

4.9801

201.9424,
-71.1047, 21.4964

■ 10.2032, -17.8556,
4.1924

0.0000, NaN, NaN

■ 86.5218, -47.9261,
12.4612

■ 86.5218, -47.9261,
12.4612

■ 85.6336, -51.8848,
14.5056

■ 87.6602, -43.0323,
10.6217

■ 84.9739, -54.9368,
16.7142


■ 89.0547, -37.2035,
9.0152


■ 84.5205, -57.1530,
19.0434


■ 90.7127, -30.4698,
7.6664

■ 84.2336, -58.6720,
21.3713

■ 92.6363, -22.8818,
6.5918

 94.8235, -14.5061,
5.8010

 97.2698, -5.4192,
5.2968

 98.0989, -2.1472,
3.2305

Harmonies

Analogous

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



86.5235, -39.1602, 29.7197



86.5218, -47.9261, 12.4612



86.5235, -46.1663, -12.8522

Triad

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



86.5235, -47.9268, 12.4622



86.5235, 12.8352, -51.8153



86.5235, 29.3359, 33.4268

Complementary

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



86.5218, -47.9261, 12.4612



55.6941, 57.7017, 8.0822

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.



86.5235, 46.6288, 19.2208



86.5218, -47.9261, 12.4612



86.5235, 36.3618, -31.1064

Square

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



86.5235, -47.9268, 12.4622



86.5235, -13.0147, -55.1994



86.5235, 49.3396, -3.8339



86.5235, 4.1047, 39.2785

Rectangle

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



86.5218, -47.9261, 12.4612



86.5235, -39.1790, -31.0709



86.5235, 49.3396, -3.8339



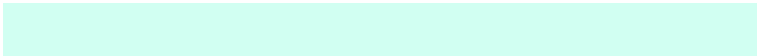
86.5235, 36.3882, 29.7026

Sweetspot

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



86.5235, -47.9268, 12.4622



95.6510, -21.6684, 6.5670



86.3624, -52.6854, 44.1889



43.9650, -11.1401, 3.1645

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.5235, -47.9268, 12.4622



87.8387, -53.9563, 15.3117



77.5616, -26.2363, -21.1785



44.1800, -6.4435, 2.6759



61.6477, -42.7976, 15.3334



18.8100, -12.7272, 3.9636

Inverse Universe

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



55.6941, 57.7017, 8.0822



52.2242, 69.7953, 11.7403



60.6162, 38.7203, 26.4819



41.6017, 2.0660, 2.1066



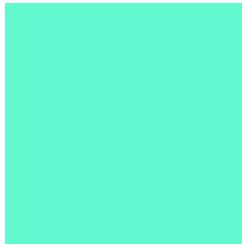
33.2381, 57.7254, 15.2450



10.2013, 17.8836, 3.3853

Previews

White Background



This preview shows how the HunterLab color 86.5218, -47.9261, 12.4612 looks on a white background.

Color Contrast Check

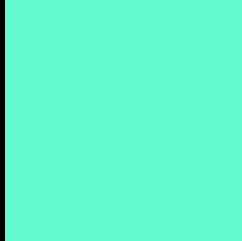
Large Text (above 18pt) WCAG AA × Fail

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 86.5218, -47.9261, 12.4612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

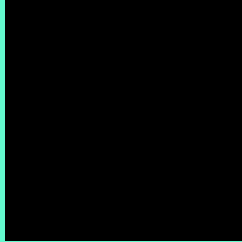
Any Text WCAG AA ✓ Pass

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 86.5218, -47.9261, 12.4612 Background



This preview shows how black text looks on a background with the HunterLab color 86.5218, -47.9261, 12.4612.



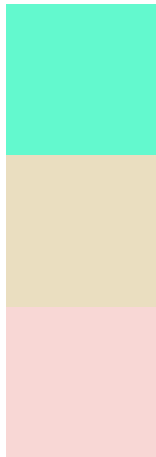
This preview shows how white text looks on a background with the HunterLab color 86.5218,

-47.9261, 12.4612.

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

86.5218, -47.9261, 12.4612

Protanopia

85.7559, -5.2690, 18.2715

Deuteranopia

85.6513, 6.4586, 9.3149



Tritanopia

86.1445, -26.5258, -12.4975

Trichromacy



Original Color

86.5218, -47.9261, 12.4612



Protanomaly

84.8874, -24.6101, 14.9817



Deuteranomaly

84.2975, -17.6117, 8.7506



Tritanomaly

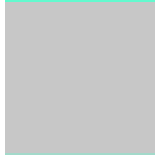
86.0992, -35.0091, -2.7321

Monochromacy



Original Color

86.5218, -47.9261, 12.4612



Achromatopsia

75.5728, -4.0324, 4.1060



Achromatomaly

78.5344, -22.4775, 5.8143

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.5218, -47.9261, 12.4612 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(99, 249, 206)` looks like.

```
.text, #text, p{  
    color:rgb(99, 249, 206)  
}
```

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(99, 249, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 249, 206) }
```

Border

The CSS property to change the border of an element to HunterLab 86.5218, -47.9261, 12.4612 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(99, 249, 206) }
```


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

```
.border{ border-color:rgb(99, 249, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 249, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 249, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 249, 206);  
box-shadow:4px 4px 4px 4px rgb(99, 249,  
206) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.5218, -47.9261, 12.4612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 249, 206) }
```

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

```
.background{ background-color: rgb(99, 249,  
206) }
```

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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