

Converting Colors

HunterLab(84.3194, -45.6388,
20.1559)

Have a look what the booklet for
HunterLab(84.3194, -45.6388,
20.1559) contains.

HunterLab(84.2298, -45.5093, 19.9532)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(84.2298,
-45.5093, 19.9532)**

Conversions

Conversions Part 1

Format	Color
Hex	79F2B6
RGB	121, 242, 182
RGB Percent	47%, 95%, 71%
CMY	0.5255, 0.0510, 0.2863
CMYK	0.50, 0.00, 0.25, 0.05
HSL	150°, 82%, 71%
HSV	150°, 50%, 95%
XYZ	48.0808, 70.9466, 55.4159
YIQ	198.9810, -52.8560, -44.3120

Conversions

Conversions Part 2

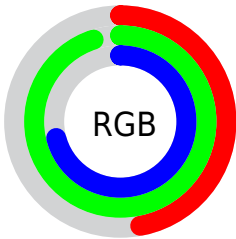
Format	Color
RYB	121, 201, 242
Decimal	7991990
CIELab	87.46, -47.55, 18.70
CIElCh	87, 51.093, 158.535
Yxy	70.9495, 0.2756, 0.4067
Android (android.graphics.Color)	4286182070 (0xFF79F2B6)
YUV	198.9810, -8.3716, -68.3893
Hunter-Lab	84.2298, -45.5093, 19.9532

Details

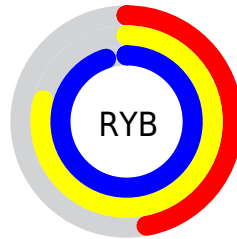
The HunterLab color **84.2298, -45.5093, 19.9532** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **59.9081, 49.4967, -5.4860**, and the grayscale version is **75.6169, -4.0347, 4.1084**.

A 20% lighter version of the original color is **93.4860, -29.9155, 5.7812**, and **61.0022, -39.1164, 16.7186** is the 20% darker color. If you saturate the color by 10%, you get **83.0299, -50.8864, 23.1146**, and if you desaturate by 10%, it is **85.6973, -39.1505, 16.8083**.

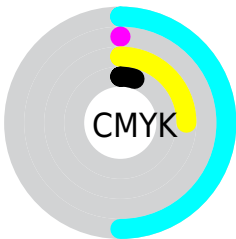
Distribution



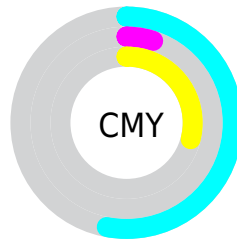
- Red (47%)
- Green (95%)
- Blue (71%)



- Red (47%)
- Yellow (79%)
- Blue (95%)



- Cyan (50%)
- Magenta (0%)
- Yellow (25%)
- Black (5%)



- Cyan (53%)
- Magenta (5%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.2298, -45.5093, 19.9532 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 84.2298, -45.5093, 19.9532 by changing the saturation by 10% instead.

84.2298, -45.5093,
19.9532

84.2298, -45.5093,
19.9532

215.3780,
-70.5158, 33.8189

72.3194, -42.3832,
18.3752

109.8006,
-51.4711, 23.0625

61.0287, -39.1288,
16.7703

123.4076,
-54.3366, 24.6023

50.3957, -35.7157,
15.1289

137.5344,
-57.1412, 26.1373

40.4639, -32.0996,
13.4360

152.1625,
-59.8939, 27.6702

31.2869, -28.2165,
11.6695

167.2754,
-62.6021, 29.2032

22.9327, -23.9682,
9.7952


182.8579,

15.4921, -19.3169,


-65.2719, 30.7381


7.7923


198.8963,
-67.9083, 32.2763


 9.0880, -15.9040,
6.3616


0.0000, NaN, NaN


 84.2298, -45.5093,
19.9532


 84.2298, -45.5093,
19.9532


 83.0299, -50.8864,
23.1146


 85.6973, -39.1505,
16.8083


 82.0832, -55.2631,
26.2461


 87.4317, -31.8505,
13.7184


 81.3759, -58.6597,
29.3028


 89.4349, -23.6755,
10.7206

 80.8856, -61.1376,
32.2384

 91.7036, -14.7052,
7.8461

 80.5680, -62.8608,
34.9956

 94.2316, -5.0278,
5.1197

 80.5680, -62.8609,
34.9956

 95.8764, 1.4207,
1.1160

 95.9098, 1.6010,
0.6421

Harmonies

Analogous

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



84.2315, -32.9674, 33.5576



84.2298, -45.5093, 19.9532



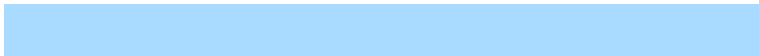
84.2315, -47.7783, -2.6485

Triad

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



84.2315, -45.5103, 19.9540



84.2315, 2.9155, -55.9481



84.2315, 37.4700, 28.8091

Complementary

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



84.2298, -45.5093, 19.9532



59.9081, 49.4967, -5.4860

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.



84.2315, 49.7880, 11.2289



84.2298, -45.5093, 19.9532



84.2315, 28.3380, -40.7663

Square

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



84.2315, -45.5103, 19.9540



84.2315, -21.7304, -51.5213



84.2315, 46.2607, -14.3686



84.2315, 14.2398, 37.5083

Rectangle

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



84.2298, -45.5093, 19.9532



84.2315, -43.4537, -20.9288



84.2315, 46.2607, -14.3686



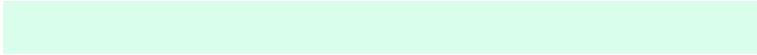
84.2315, 43.1429, 23.9907

Sweetspot

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



84.2315, -45.5103, 19.9540



96.0684, -20.5050, 9.8464



86.4709, -39.0704, 40.1953



44.2132, -10.4093, 4.8554

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.2315, -45.5103, 19.9540



88.0936, -54.0882, 24.5859



86.0134, -35.0009, -5.5192



42.1774, -6.5268, 3.5357



59.0741, -45.9273, 25.3064



17.0975, -12.8822, 6.4387

Inverse Universe

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



59.9081, 49.4967, -5.4860



58.2854, 63.4199, -5.7502



58.2528, 41.7959, 18.2148



39.8617, 2.3358, 1.0099



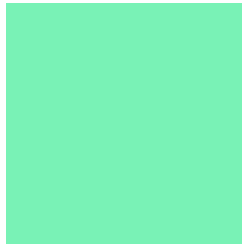
33.0107, 58.8223, 3.5765



9.6261, 17.3469, -0.4616

Previews

White Background



This preview shows how the HunterLab color 84.2298, -45.5093, 19.9532 looks on a white background.

Color Contrast Check

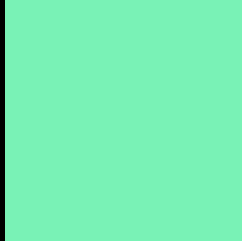
Large Text (above 18pt) WCAG AA × Fail

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 84.2298, -45.5093, 19.9532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

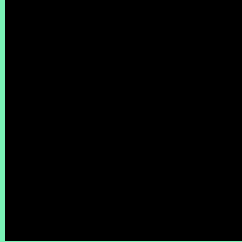
Any Text WCAG AA ✓ Pass

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 84.2298, -45.5093, 19.9532 Background



This preview shows how black text looks on a background with the HunterLab color 84.2298, -45.5093, 19.9532.



This preview shows how white text looks on a background with the HunterLab color 84.2298,

-45.5093, 19.9532.

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

84.2298, -45.5093, 19.9532

Protanopia

83.4768, -6.3512, 24.3156

Deuteranopia

83.6104, 5.8977, 17.4836



Tritanopia

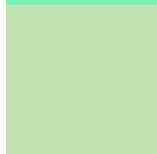
84.1912, -25.3719, -13.4224

Trichromacy



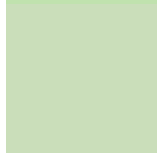
Original Color

84.2298, -45.5093, 19.9532



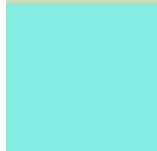
Protanomaly

82.8584, -23.1249, 21.9980



Deuteranomaly

82.6706, -16.5455, 17.3353



Tritanomaly

83.9783, -33.1740, -0.1421

Monochromacy



Original Color

84.2298, -45.5093, 19.9532



Achromatopsia

75.5728, -4.0324, 4.1060



Achromatomaly

78.1723, -20.9850, 9.5365

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.2298, -45.5093, 19.9532 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(121, 242, 182)` looks like.

```
.text, #text, p{  
    color:rgb(121, 242, 182)  
}
```

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(121, 242, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 242, 182) }
```

Border

The CSS property to change the border of an element to HunterLab 84.2298, -45.5093, 19.9532 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(121, 242, 182) }
```


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

```
.border{ border-color:rgb(121, 242, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 242, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 242, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 242, 182);  
box-shadow:4px 4px 4px 4px rgb(121, 242,  
182) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.2298, -45.5093, 19.9532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 242, 182) }
```

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

```
.background{ background-color: rgb(121,  
242, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor