

Converting Colors

HunterLab(83.5329, -41.5040,
29.4415)

Have a look what the booklet for
HunterLab(83.5329, -41.5040,
29.4415) contains.

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Color

**HunterLab(83.6829,
-41.7404, 29.4820)**

Conversions

Conversions Part 1

Format	Color
Hex	97EE99
RGB	151, 238, 153
RGB Percent	59%, 93%, 60%
CMY	0.4078, 0.0666, 0.4000
CMYK	0.37, 0.00, 0.36, 0.07
HSL	121°, 72%, 76%
HSV	121°, 37%, 93%
XYZ	49.0868, 70.0283, 41.0666
YIQ	202.2970, -24.5670, -44.8790

Conversions

Conversions Part 2

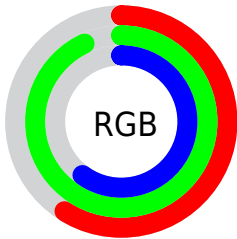
Format	Color
RYB	151, 236, 238
Decimal	9957017
CIELab	87.01, -42.86, 33.10
CIELCh	87, 54.154, 142.318
Yxy	70.0312, 0.3064, 0.4372
Android (android.graphics.Color)	4288147097 (0xFF97EE99)
YUV	202.2970, -24.3034, -44.9875
Hunter-Lab	83.6829, -41.7404, 29.4820

Details

The HunterLab color $83.6829, -41.7404, 29.4820$ is a light color, and the websafe version is hex $99FF99$. A complement of this color would be $68.0939, 41.9694, -26.4051$, and the grayscale version is $77.0880, -4.1132, 4.1883$.

A 20% lighter version of the original color is $94.5960, -27.4966, 20.4060$, and $60.3938, -35.6512, 24.5034$ is the 20% darker color. If you saturate the color by 10%, you get $82.0270, -49.1677, 34.4824$, and if you desaturate by 10%, it is $85.6665, -33.0807, 23.6888$.

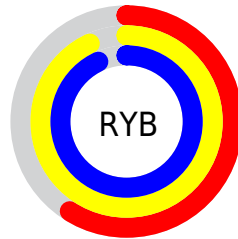
Distribution



Red (59%)

Green (93%)

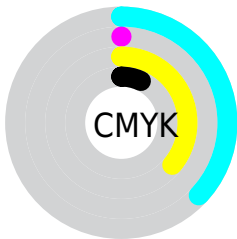
Blue (60%)



Red (59%)

Yellow (93%)

Blue (93%)

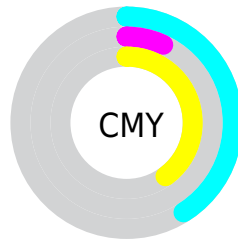


Cyan (37%)

Magenta (0%)

Yellow (36%)

Black (7%)



Cyan (41%)


Magenta (7%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.6829, -41.7404, 29.4820 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 83.6829, -41.7404, 29.4820 by changing the saturation by 10% instead.


 83.6829, -41.7404,
29.4820


 83.6829, -41.7404,
29.4820


214.6298,
-64.8906, 49.0557

 71.7997, -38.8739,
27.0951


 109.2032,
-47.2261, 34.0705

 60.5377, -35.8959,
24.6243


 122.7864,
-49.8703, 36.2933

 49.9351, -32.7798,
22.0483


136.8903,
-52.4633, 38.4797

 40.0359, -29.4861,
19.3376

151.4963,
-55.0128, 40.6363

 30.8942, -25.9573,
16.4510

166.5878,
-57.5254, 42.7683

 22.5788, -22.1041,
13.3324


182.1495,

 15.1818, -17.8227,


-60.0063, 44.8798


10.6273


198.1678,
-62.4601, 46.9746


 8.8107, -15.4188,
6.1675


0.0000, NaN, NaN


 83.6829, -41.7404,
29.4820


 83.6829, -41.7404,
29.4820


 82.0270, -49.1677,
34.4824


 85.6665, -33.0807,
23.6888


 80.6908, -55.2828,
38.6345

 87.9697, -23.2897,
17.1727

 79.6670, -60.0532,
41.9119

 90.5869, -12.4933,
10.0182

 78.9386, -63.4964,
44.3201

 93.5073, -0.8241,
2.3134

■ 78.4798, -65.6908,
45.9028

■ 94.6741, 3.7549,
-0.8450

■ 78.2528, -66.7897,
46.7487

■ 78.2073, -67.0080,
46.8987

Harmonies

Analogous

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



83.6847, -23.2972, 38.5883



83.6829, -41.7404, 29.4820



83.6847, -49.9803, 10.8958

Triad

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



83.6847, -41.7419, 29.4827



83.6847, -11.3017, -60.7080



83.6847, 49.2140, 21.2320

Complementary

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



83.6829, -41.7404, 29.4820



68.0939, 41.9694, -26.4051

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.



83.6847, 53.4863, -2.3240



83.6829, -41.7404, 29.4820



83.6847, 16.1851, -55.2681

Square

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



83.6847, -41.7419, 29.4827



83.6847, -33.9165, -44.7510



83.6847, 40.7392, -31.6332



83.6847, 29.7122, 34.9863

Rectangle

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



83.6829, -41.7404, 29.4820



83.6847, -49.4153, -6.6876



83.6847, 40.7392, -31.6332



83.6847, 52.5711, 14.4265

Sweetspot

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



83.6847, -41.7419, 29.4827



96.6549, -18.8735, 14.3842



90.1744, -17.3827, 36.0099



44.5391, -9.4662, 7.1415

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.6847, -41.7419, 29.4827



89.1055, -51.3786, 36.0797



84.6845, -35.8570, 15.0102



42.0265, -7.3704, 5.6969



58.4160, -50.0351, 34.9966



16.8549, -14.3932, 10.0036

Inverse Universe

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



68.0939, 41.9694, -26.4051



69.2097, 55.9902, -35.5673



66.4561, 34.0090, -3.4940



40.0310, 3.2421, -1.3944



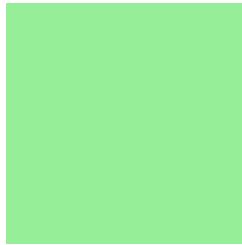
36.6210, 71.6434, -45.5514



10.5719, 20.6965, -13.2600

Previews

White Background



This preview shows how the HunterLab color 83.6829, -41.7404, 29.4820 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 83.6829, -41.7404, 29.4820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

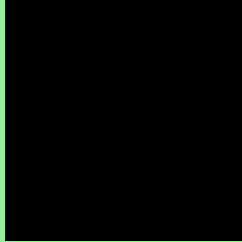
Any Text WCAG AA ✓ Pass

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 83.6829, -41.7404, 29.4820 Background



This preview shows how black text looks on a background with the HunterLab color 83.6829, -41.7404, 29.4820.



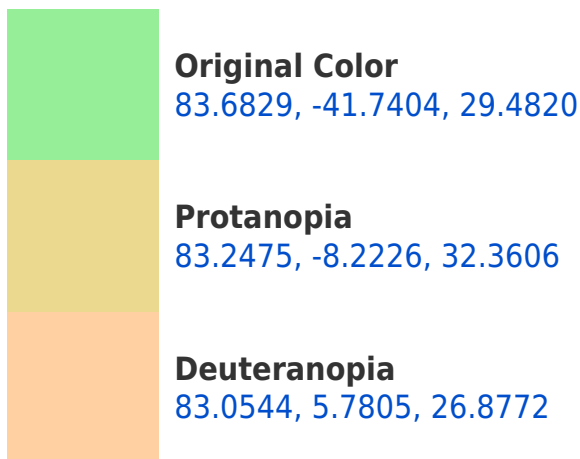
This preview shows how white text looks on a background with the HunterLab color 83.6829, -41.7404, 29.4820.

-41.7404, 29.4820.

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





Tritanopia

83.6455, -17.6721, -10.0000

Trichromacy



Original Color

83.6829, -41.7404, 29.4820



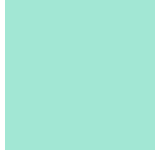
Protanomaly

82.9424, -22.2784, 30.9866



Deuteranomaly

82.4123, -13.8218, 26.9422



Tritanomaly

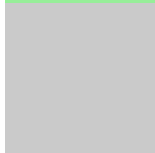
83.4186, -27.5230, 6.6494

Monochromacy



Original Color

83.6829, -41.7404, 29.4820



Achromatopsia

76.8517, -4.1006, 4.1755



Achromatomaly

78.8219, -19.0906, 14.1250

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.6829, -41.7404, 29.4820 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(151, 238, 153)` looks like.

```
.text, #text, p{  
    color:rgb(151, 238, 153)  
}
```

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(151, 238, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 238, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 83.6829, -41.7404, 29.4820 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(151, 238, 153) }
```


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

```
.border{ border-color:rgb(151, 238, 153) }
```

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

Here you see how a box with a 4 pixel rgb(151, 238, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 238, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 238, 153);  
box-shadow:4px 4px 4px 4px rgb(151, 238,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.6829, -41.7404, 29.4820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 238, 153) }
```

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

```
.background{ background-color: rgb(151,  
238, 153) }
```

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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