

Converting Colors

HunterLab(47.1226, 60.7711,
-94.2195)

Have a look what the booklet for
HunterLab(47.1226, 60.7711,
-94.2195) contains.

HunterLab(46.8856, 59.2092, -89.7107)	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(46.8856, 59.2092,
-89.7107)**

Conversions

Conversions Part 1

Format	Color
Hex	A656FF
RGB	166, 86, 255
RGB Percent	65%, 34%, 100%
CMY	0.3490, 0.6627, 0.0000
CMYK	0.35, 0.66, 0.00, 0.00
HSL	268°, 100%, 67%
HSV	268°, 66%, 100%
XYZ	37.1037, 21.9826, 96.8953
YIQ	129.1860, -6.5690, 69.5190

Conversions

Conversions Part 2

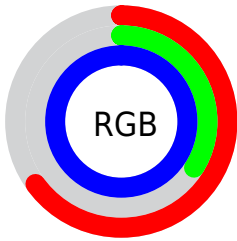
Format	Color
R_{YB}	166, 86, 255
Decimal	10901247
CIE _{Lab}	54.01, 63.66, -71.67
CIE _{LCh}	54, 95.860, 311.615
Yxy	21.9833, 0.2379, 0.1409
Android (android.graphics.Color)	4289091327 (0xFFA656FF)
YUV	129.1860, 62.0263, 32.2859
Hunter-Lab	46.8856, 59.2092, -89.7107

Details

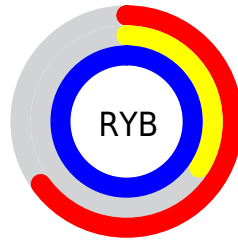
The HunterLab color $46.8856, 59.2092, -89.7107$ is a light color, and the websafe version is hex $9966FF$. The color can be described as light muted purple. A complement of this color would be $90.1696, -48.6842, 48.9205$, and the grayscale version is $46.6934, -2.4914, 2.5369$.

A 20% lighter version of the original color is $64.9191, 48.0449, -45.5604$, and $28.3474, 54.7994, -92.0558$ is the 20% darker color. If you saturate the color by 10%, you get $41.5158, 68.1545, -108.3372$, and if you desaturate by 10%, it is $53.2297, 49.2996, -71.7159$.

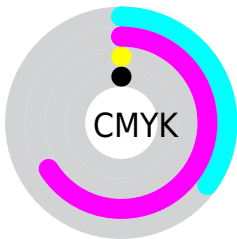
Distribution



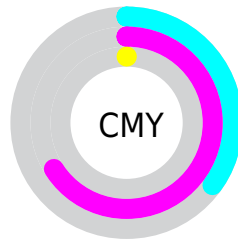
- Red (65%)
- Green (34%)
- Blue (100%)



- Red (65%)
- Yellow (34%)
- Blue (100%)



- Cyan (35%)
- Magenta (66%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (66%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.8856, 59.2092, -89.7107 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 46.8856, 59.2092, -89.7107 by changing the saturation by 10% instead.

46.8856, 59.2092,
-89.7107

46.8856, 59.2092,
-89.7107

162.0059, 74.7010,
-95.6966

37.2084, 57.0372,
-90.4485

68.3509, 63.3143,
-89.9887

28.3067, 54.8429,
-92.3946

80.0522, 65.2213,
-90.5744

20.2560, 52.7562,
-96.6633

92.3543, 67.0292,
-91.3090

13.1582, 51.1431,
-106.0496

105.2290, 68.7404,
-92.1326

6.6622, 56.9740,
-140.2771

118.6519, 70.3590,
-93.0056

0.0000, INF, -NF

0.0000, NaN, -NF

132.6015, 71.8890,

-93.9017

0.0000, NaN, -NF

147.0585, 73.3350,
-94.8029

0.0000, NaN, -NF

■ 46.8856, 59.2092,
-89.7107

■ 46.8856, 59.2092,
-89.7107

■ 41.5158, 68.1545,
-108.3372

■ 53.2297, 49.2996,
-71.7159

■ 37.3146, 74.9709,
-126.0187

■ 60.3582, 39.1438,
-55.0558

■ 34.4100, 78.3693,
-140.4379

■ 68.1184, 29.0913,
-39.8627

■ 33.5624, 78.9882,
-145.0663

■ 76.3930, 19.2745,
-26.0163

■ 85.0939, 9.7185,
-13.3143

94.1547, 0.4025,
-1.5505

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



46.8864, 13.7551, -137.2818



46.8856, 59.2092, -89.7107



46.8864, 93.2989, -26.3657

Triad

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



46.8864, 59.2092, -89.7082



46.8864, 23.8814, 32.6301



46.8864, -56.0508, -14.4117

Complementary

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



46.8856, 59.2092, -89.7107



90.1696, -48.6842, 48.9205

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.



46.8864, -54.9358, 20.0756



46.8856, 59.2092, -89.7107



46.8864, -16.8114, 32.8205

Square

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



46.8864, 59.2092, -89.7082



46.8864, 68.6974, 29.6258



46.8864, -42.9753, 30.7908



46.8864, -46.7855, -75.0399

Rectangle

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



46.8856, 59.2092, -89.7107



46.8864, 99.8826, 4.5391



46.8864, -42.9753, 30.7908



46.8864, -56.7664, 0.4742

Sweetspot

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



46.8864, 59.2092, -89.7082



81.8065, 13.2495, -17.9270



63.4837, -5.8260, -49.3416



36.7163, 7.3728, -9.9464

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.8864, 59.2092, -89.7082



39.8041, 71.0168, -115.1520



58.3807, 83.0450, -58.6535



42.1893, 1.5675, -2.4336



24.4402, 57.2902, -103.8614



8.0377, 18.3347, -30.2314

Inverse Universe

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



55.6875, 70.2067, -7.6366



51.0990, 80.4602, -4.8621



86.2835, -64.4867, 45.9885



42.5992, 2.5893, 0.9098



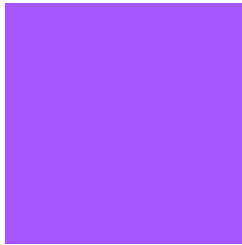
34.7027, 62.1208, 1.5615



10.9301, 19.7522, -0.9537

Previews

White Background



This preview shows how the HunterLab color 46.8856, 59.2092, -89.7107 looks on a white background.

Color Contrast Check

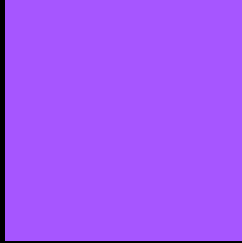
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.8856, 59.2092, -89.7107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

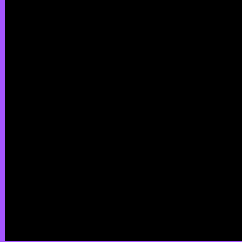
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 46.8856, 59.2092, -89.7107 Background



This preview shows how black text looks on a background with the HunterLab color 46.8856, 59.2092, -89.7107.



This preview shows how white text looks on a background with the HunterLab color 46.8856, 59.2092, -89.7107.

-89.7107.

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

46.8856, 59.2092, -89.7107

Protanopia

47.3295, 16.6633, -89.0598

Deuteranopia

47.1933, 3.1761, -65.8438



Tritanopia

46.7542, 4.4504, 0.7476

Trichromacy



Original Color

46.8856, 59.2092, -89.7107



Protanomaly

45.4572, 29.4528, -94.8710



Deuteranomaly

44.1740, 18.5540, -83.1032



Tritanomaly

45.7225, 22.5598, -25.3687

Monochromacy



Original Color

46.8856, 59.2092, -89.7107



Achromatopsia

46.8536, -2.5000, 2.5456



Achromatomaly

45.4491, 17.8588, -24.5905

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.8856, 59.2092, -89.7107 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(166, 86, 255)` looks like.

```
.text, #text, p{  
    color:rgb(166, 86, 255)  
}
```

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(166, 86, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 86, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 46.8856, 59.2092, -89.7107 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(166, 86, 255) }
```


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

```
.border{ border-color:rgb(166, 86, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 86, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 86, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 86, 255);  
box-shadow:4px 4px 4px 4px rgb(166, 86,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.8856, 59.2092, -89.7107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 86, 255) }
```

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

```
.background{ background-color: rgb(166, 86,  
255) }
```

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