

Converting Colors

HunterLab(49.2911, -0.7869,
-8.7142)

Have a look what the booklet for
HunterLab(49.2911, -0.7869,
-8.7142) contains.

HunterLab(49.3037, -0.8835, -8.5344)	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(49.3037, -0.8835,
-8.5344)**

Conversions

Conversions Part 1

Format	Color
Hex	7F879E
RGB	127, 135, 158
RGB Percent	50%, 53%, 62%
CMY	0.5020, 0.4706, 0.3804
CMYK	0.20, 0.15, 0.00, 0.38
HSL	225°, 14%, 56%
HSV	225°, 20%, 62%
XYZ	23.5879, 24.3085, 35.7965
YIQ	135.2300, -12.1510, 5.4570

Conversions

Conversions Part 2

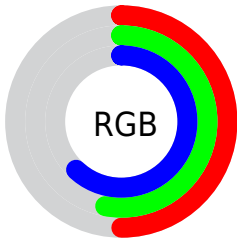
Format	Color
R_{YB}	127, 133, 158
Decimal	8357790
CIE _{Lab}	56.40, 2.16, -13.21
CIE _{LCh}	56, 13.390, 279.283
Yxy	24.3095, 0.2818, 0.2905
Android (android.graphics.Color)	4286547870 (0xFF7F879E)
YUV	135.2300, 11.2256, -7.2177
Hunter-Lab	49.3037, -0.8835, -8.5344

Details

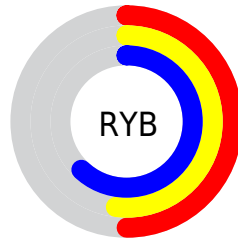
The HunterLab color $49.3037, -0.8835, -8.5344$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $55.3300, -3.7937, 12.5114$, and the grayscale version is $49.2745, -2.6292, 2.6772$.

A 20% lighter version of the original color is $71.0449, -1.6791, -8.7869$, and $30.2263, 0.0339, -8.6589$ is the 20% darker color. If you saturate the color by 10%, you get $44.8297, 0.6669, -15.1469$, and if you desaturate by 10%, it is $53.9189, -2.1403, -2.3833$.

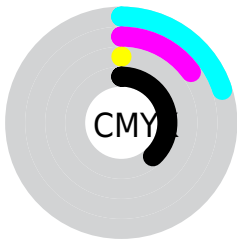
Distribution



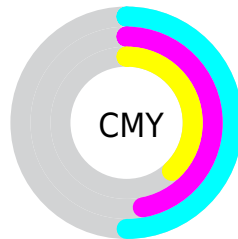
- Red (50%)
- Green (53%)
- Blue (62%)



- Red (50%)
- Yellow (52%)
- Blue (62%)



- Cyan (20%)
- Magenta (15%)
- Yellow (0%)
- Black (38%)



- Cyan (50%)
- Magenta (47%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.3037, -0.8835, -8.5344 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 49.3037, -0.8835, -8.5344 by changing the saturation by 10% instead.

■ 49.3037, -0.8835,
-8.5344

■ 49.3037, -0.8835,
-8.5344

■ 165.6447, -6.2376,
-6.8501

■ 39.4505, -0.4815,
-8.4378

■ 71.0879, -1.8238,
-8.5246

■ 30.3574, -0.1295,
-8.2672

■ 82.9354, -2.3537,
-8.4307

■ 22.0956, 0.1649,
-8.0163

■ 95.3765, -2.9201,
-8.2830

■ 14.7590, 0.3918,
-7.6852

■ 108.3842, -3.5211,
-8.0852

■ 8.4150, 0.6691,
-7.4607

■ 121.9347, -4.1547,
-7.8404

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 136.0071, -4.8195,

-7.5514

0.0000, NaN, NaN

150.5827, -5.5142,
-7.2206

0.0000, NaN, NaN

■ 49.3037, -0.8835,
-8.5344

■ 49.3037, -0.8835,
-8.5344

■ 44.8297, 0.6669,
-15.1469

■ 53.9189, -2.1403,
-2.3833

■ 40.5147, 2.5812,
-22.3287

■ 58.6560, -3.1547,
3.3906

■ 36.3868, 4.9426,
-30.2013

■ 63.5029, -3.9699,
8.8586

■ 32.4814, 7.8516,
-38.8944

■ 68.4491, -4.6192,
14.0775

■ 28.8450, 11.4176,
-48.5165

■ 73.4860, -5.1294,
19.0928

■ 25.5381, 15.7333,
-59.0883

■ 78.6064, -5.5215,
23.9412

■ 22.6363, 20.8140,
-70.4149

■ 83.8042, -5.8129,
28.6523

■ 20.1847, 26.4032,
-82.1185

■ 89.0744, -6.0174,
33.2503

■ 20.0985, 26.6149,
-82.5754

■ 92.9211, -11.3941,
36.4178

Harmonies

Analogous

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



49.3047, -6.3851, -7.8908



49.3037, -0.8835, -8.5344



49.3047, 4.3714, -5.9214

Triad

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



49.3047, -0.8843, -8.5335



49.3047, 5.9813, 8.7389



49.3047, -12.3064, 6.1716

Complementary

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



49.3037, -0.8835, -8.5344



55.3300, -3.7937, 12.5114

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.



49.3047, -9.2677, 9.9723



49.3037, -0.8835, -8.5344



49.3047, 1.2339, 11.3357

Square

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



49.3047, -0.8843, -8.5335



49.3047, 8.4500, 4.3078



49.3047, -4.3585, 11.7605



49.3047, -12.8168, 1.0026

Rectangle

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



49.3037, -0.8835, -8.5344



49.3047, 6.9696, -2.8404



49.3047, -4.3585, 11.7605



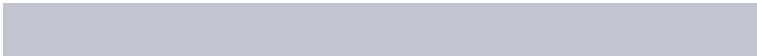
49.3047, -11.5535, 7.6346

Sweetspot

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



49.3047, -0.8843, -8.5335



74.8782, -3.3968, -0.4341



55.8208, -13.0639, 3.6394



35.3714, -1.5723, -0.4310



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



49.3047, -0.8843, -8.5335



63.4928, -0.2328, -15.7351



47.6817, 5.0184, -10.7543



25.8840, -1.0442, -1.0345



18.1424, 23.3478, -73.0777



3.4797, 0.6431, -5.7376

Inverse Universe

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



49.1911, 8.4928, 2.8313



63.4042, 15.4318, 3.8821



57.0469, -9.7877, 14.1119



25.8319, 1.0906, 1.3949



24.4018, 42.3326, 11.5529



3.3578, 6.0081, 0.1719

Previews

White Background



This preview shows how the HunterLab color 49.3037, -0.8835, -8.5344 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 49.3037, -0.8835, -8.5344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

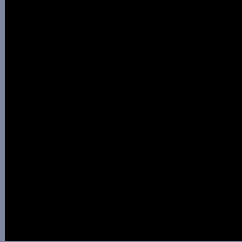
Any Text WCAG AA ✓ Pass

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 49.3037, -0.8835, -8.5344 Background



This preview shows how black text looks on a background with the HunterLab color 49.3037, -0.8835, -8.5344.



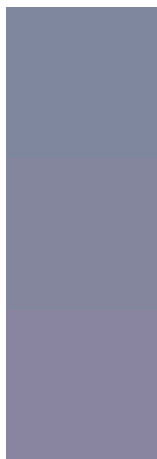
This preview shows how white text looks on a background with the HunterLab color 49.3037, -0.8835, -8.5344.

-8.5344.

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

49.3037, -0.8835, -8.5344

Protanopia

49.3050, 0.4990, -7.9680

Deuteranopia

49.3195, 3.5420, -8.9796



Tritanopia

49.3856, -4.2028, -3.2782

Trichromacy



Original Color

49.3037, -0.8835, -8.5344

Protanomaly

49.2243, 0.2233, -8.0853

Deuteranomaly

49.2593, 1.9183, -9.0932

Tritanomaly

49.3061, -2.7456, -5.3867

Monochromacy



Original Color

49.3037, -0.8835, -8.5344

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

49.2104, -2.1916, -1.0245

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.3037, -0.8835, -8.5344 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(127, 135, 158)` looks like.

```
.text, #text, p{  
    color:rgb(127, 135, 158)  
}
```

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(127, 135, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 135, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 49.3037, -0.8835, -8.5344 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(127, 135, 158) }
```


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

```
.border{ border-color:rgb(127, 135, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 135, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 135, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 135, 158);  
box-shadow:4px 4px 4px 4px rgb(127, 135,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.3037, -0.8835, -8.5344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 135, 158) }
```

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

```
.background{ background-color: rgb(127,  
135, 158) }
```

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