

Converting Colors

HunterLab(55.4812, 80.0445,
-169.5259)

Have a look what the booklet for
HunterLab(55.4812, 80.0445,
-169.5259) contains.

HunterLab(48.2823, 50.1380, -85.5480)	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(48.2823, 50.1380,
-85.5480)**

Conversions

Conversions Part 1

Format	Color
Hex	9D63FF
RGB	157, 99, 255
RGB Percent	62%, 39%, 100%
CMY	0.3843, 0.6118, 0.0000
CMYK	0.38, 0.61, 0.00, 0.00
HSL	262°, 100%, 69%
HSV	262°, 61%, 100%
XYZ	36.4165, 23.3118, 97.1881
YIQ	134.1260, -15.5080, 60.8120

Conversions

Conversions Part 2

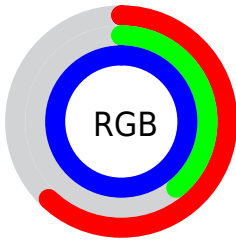
Format	Color
R _Y B	157, 99, 255
Decimal	10314751
CIE Lab	55.39, 55.43, -69.48
CIE LCh	55, 88.877, 308.583
Yxy	23.3125, 0.2321, 0.1486
Android (android.graphics.Color)	4288504831 (0xFF9D63FF)
YUV	134.1260, 59.5909, 20.0605
Hunter-Lab	48.2823, 50.1380, -85.5480

Details

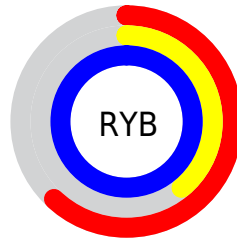
The HunterLab color **48.2823, 50.1380, -85.5480** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **91.8101, -41.9966, 48.2143**, and the grayscale version is **48.6528, -2.5960, 2.6434**.

A 20% lighter version of the original color is **66.5398, 38.0659, -42.6320**, and **29.4294, 46.3421, -87.4749** is the 20% darker color. If you saturate the color by 10%, you get **42.0865, 59.7266, -106.3009**, and if you desaturate by 10%, it is **55.3609, 40.3426, -66.5030**.

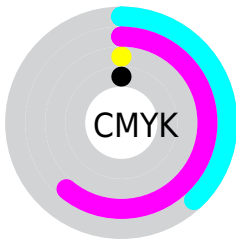
Distribution



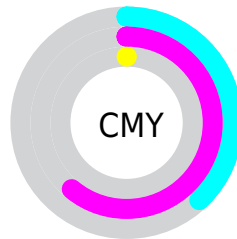
- Red (62%)
- Green (39%)
- Blue (100%)



- Red (62%)
- Yellow (39%)
- Blue (100%)



- Cyan (38%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (61%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.2823, 50.1380, -85.5480 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 48.2823, 50.1380, -85.5480 by changing the saturation by 10% instead.

48.2823, 50.1380,
-85.5480

48.2823, 50.1380,
-85.5480

164.1116, 63.2328,
-91.8847

38.5025, 48.1900,
-86.0006

69.9328, 53.7253,
-86.1084

29.4895, 46.1627,
-87.4628

81.7192, 55.3605,
-86.7589

21.3158, 44.1222,
-90.8464

94.1020, 56.8947,
-87.5295

14.0786, 42.2665,
-98.3781

107.0539, 58.3332,
-88.3688

7.7267, 43.0082,
-120.2490

120.5509, 59.6812,
-89.2432

0.0000, INF, -NF

0.0000, NaN, -NF

134.5718, 60.9440,

-90.1301

0.0000, NaN, -NF

149.0977, 62.1263,
-91.0141

0.0000, NaN, -NF

■ 48.2823, 50.1380,
-85.5480

■ 48.2823, 50.1380,
-85.5480

■ 42.0865, 59.7266,
-106.3009

■ 55.3609, 40.3426,
-66.5030

■ 37.0021, 68.1956,
-127.5996

■ 63.1327, 30.7544,
-49.4087

■ 33.2583, 74.0802,
-146.8682

■ 71.4586, 21.5054,
-34.0881

■ 31.0530, 76.4291,
-160.1634

■ 80.2363, 12.5997,
-20.2478

■ 89.3909, 3.9940,
-7.5979

98.8668, -4.3664,
4.1090

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.



48.2831, 8.4777, -123.1433



48.2823, 50.1380, -85.5480



48.2831, 82.8558, -29.0972

Triad

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



48.2831, 50.1382, -85.5456



48.2831, 26.1674, 32.7023



48.2831, -54.6260, -8.5740

Complementary

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



48.2823, 50.1380, -85.5480



91.8101, -41.9966, 48.2143

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.



48.2831, -52.4810, 21.3534



48.2823, 50.1380, -85.5480



48.2831, -12.7221, 33.1437

Square

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



48.2831, 50.1382, -85.5456



48.2831, 66.3729, 28.6209



48.2831, -39.3495, 31.2223



48.2831, -46.4780, -61.2878

Rectangle

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



48.2823, 50.1380, -85.5480



48.2831, 90.8352, 0.9291



48.2831, -39.3495, 31.2223



48.2831, -55.0190, 4.2676

Sweetspot

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



48.2831, 50.1382, -85.5456



83.1058, 9.8368, -16.1143



70.8307, -14.7219, -35.8052



37.2315, 5.7216, -9.2054

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.2831, 50.1382, -85.5456



41.0688, 61.3917, -110.2015



58.0262, 72.2886, -59.6474



42.0793, 1.1942, -2.5824



22.6194, 55.4145, -114.6702



7.4693, 17.7090, -33.2946

Inverse Universe

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



58.4937, 67.8542, -16.3094



53.8831, 78.6260, -16.4060



87.4070, -59.5728, 44.8094



42.6369, 2.7915, 0.3733



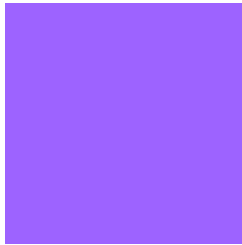
35.3105, 64.3202, -7.0274



11.1137, 20.4139, -3.5263

Previews

White Background



This preview shows how the HunterLab color 48.2823, 50.1380, -85.5480 looks on a white background.

Color Contrast Check

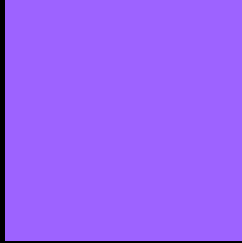
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.2823, 50.1380, -85.5480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

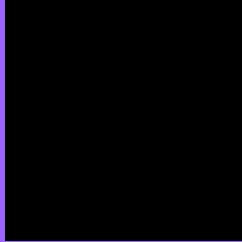
Any Text WCAG AA ✓ Pass

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 48.2823, 50.1380, -85.5480 Background



This preview shows how black text looks on a background with the HunterLab color 48.2823, 50.1380, -85.5480.



This preview shows how white text looks on a background with the HunterLab color 48.2823, 50.1380, -85.5480.

-85.5480.

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

48.2823, 50.1380, -85.5480

Protanopia

48.5059, 16.1538, -85.4696

Deuteranopia

48.4778, 3.8898, -68.9900



Tritanopia

48.0532, -0.4601, -1.9733

Trichromacy



Original Color

48.2823, 50.1380, -85.5480

Protanomaly

47.1908, 26.8272, -89.3157

Deuteranomaly

46.1742, 15.7472, -81.1712

Tritanomaly

47.1967, 16.2253, -26.9125

Monochromacy



Original Color

48.2823, 50.1380, -85.5480

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

47.5814, 14.3780, -22.9129

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.2823, 50.1380, -85.5480 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(157, 99, 255)` looks like.

```
.text, #text, p{  
    color:rgb(157, 99, 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(157, 99, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 99, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 48.2823, 50.1380, -85.5480 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(157, 99, 255) }
```


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

```
.border{ border-color:rgb(157, 99, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 99, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 99, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 99, 255); box-shadow:4px 4px 4px 4px rgb(157, 99, 255) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.2823, 50.1380, -85.5480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 99, 255) }
```

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

```
.background{ background-color: rgb(157, 99,  
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