

Converting Colors

HunterLab(51.5706, 9.4440,
-11.8285)

Have a look what the booklet for
HunterLab(51.5706, 9.4440,
-11.8285) contains.

HunterLab(51.6960, 9.3811, -11.5977)	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(51.6960, 9.3811,
-11.5977)**

Conversions

Conversions Part 1

Format	Color
Hex	9986AA
RGB	153, 134, 170
RGB Percent	60%, 53%, 67%
CMY	0.4000, 0.4745, 0.3333
CMYK	0.10, 0.21, 0.00, 0.33
HSL	272°, 17%, 60%
HSV	272°, 21%, 67%
XYZ	28.9176, 26.7248, 41.6645
YIQ	143.7850, -0.2320, 15.2240

Conversions

Conversions Part 2

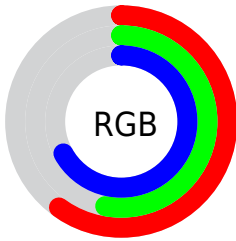
Format	Color
RYB	153, 134, 170
Decimal	10061482
CIELab	58.72, 14.22, -16.37
CIElCh	59, 21.688, 310.981
Yxy	26.7259, 0.2972, 0.2746
Android (android.graphics.Color)	4288251562 (0xFF9986AA)
YUV	143.7850, 12.9240, 8.0816
Hunter-Lab	51.6960, 9.3811, -11.5977

Details

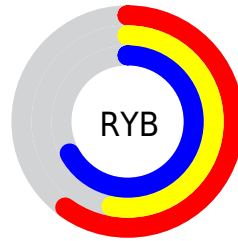
The HunterLab color $51.6960, 9.3811, -11.5977$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $60.8693, -14.3193, 15.2864$, and the grayscale version is $52.6751, -2.8106, 2.8619$.

A 20% lighter version of the original color is $73.7474, 9.8099, -11.6549$, and $32.3627, 9.1104, -11.2992$ is the 20% darker color. If you saturate the color by 10%, you get $46.5220, 15.6207, -19.5281$, and if you desaturate by 10%, it is $57.1111, 3.2805, -4.2325$.

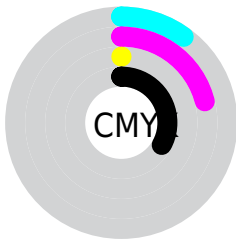
Distribution



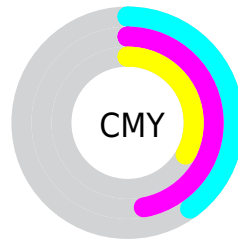
- Red (60%)
- Green (53%)
- Blue (67%)



- Red (60%)
- Yellow (53%)
- Blue (67%)



- Cyan (10%)
- Magenta (21%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6960, 9.3811, -11.5977 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 51.6960, 9.3811, -11.5977 by changing the saturation by 10% instead.

■ 51.6960, 9.3811,
-11.5977

■ 51.6960, 9.3811,
-11.5977

169.2121, 8.5636,
-10.7928

■ 41.6743, 9.1498,
-11.3970

■ 73.7860, 9.6036,
-11.7950

■ 32.3988, 8.8256,
-11.1251

■ 85.7740, 9.6136,
-11.8028

■ 23.9366, 8.3911,
-10.7798

■ 98.3491, 9.5639,
-11.7550

■ 16.3749, 7.8233,
-10.3716

111.4848, 9.4593,
-11.6552

■ 9.8374, 7.0903,
-9.9554

125.1584, 9.3039,
-11.5064

0.0000, INF, -NF

0.0000, NaN, NaN

139.3493, 9.1009,

-11.3115

0.0000, NaN, NaN

154.0393, 8.8533,
-11.0729

0.0000, NaN, NaN

■ 51.6960, 9.3811,
-11.5977

■ 51.6960, 9.3811,
-11.5977

■ 46.5220, 15.6207,
-19.5281

■ 57.1111, 3.2805,
-4.2325

■ 41.6305, 21.9943,
-28.1255

■ 62.7298, -2.6893,
2.6615

■ 37.0809, 28.4476,
-37.4615

■ 68.5266, -8.5482,
9.1716

■ 32.9485, 34.8380,
-47.5227

■ 74.4806, -14.3163,
15.3698

■ 29.3269, 40.8672,
-58.0999

■ 80.5751, -20.0124,
21.3154

■ 26.3222, 46.0157,
-68.6376

■ 86.7967, -25.6528,
27.0562

■ 24.0306, 49.5756,
-78.1567

■ 93.1342, -31.2517,
32.6311

■ 22.4987, 51.4292,
-85.4569

■ 94.4504, -29.7866,
33.8052

■ 95.1162, -27.3058,
34.4260

Harmonies

Analogous

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



51.6971, 0.6575, -16.6185



51.6960, 9.3811, -11.5977



51.6971, 15.0798, -2.9858

Triad

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



51.6971, 9.3800, -11.5966



51.6971, 3.1408, 16.3478



51.6971, -19.0313, -0.5008

Complementary

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



51.6960, 9.3811, -11.5977



60.8693, -14.3193, 15.2864

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.



51.6971, -18.4692, 8.0111



51.6960, 9.3811, -11.5977



51.6971, -6.0933, 16.7771

Square

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



51.6971, 9.3800, -11.5966



51.6971, 11.3070, 12.6926



51.6971, -13.8760, 13.9901



51.6971, -15.4694, -9.5055

Rectangle

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



51.6960, 9.3811, -11.5977



51.6971, 16.1750, 3.1018



51.6971, -13.8760, 13.9901



51.6971, -19.3117, 2.5246

Sweetspot

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



51.6971, 9.3800, -11.5966



80.7301, 0.3247, -0.9253



54.9853, -4.6153, -7.2071



37.8996, 0.3914, -0.7121



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



51.6971, 9.3800, -11.5966



66.6104, 16.2078, -20.0900



53.3638, 14.6640, -8.7850



27.3643, 1.0064, -1.3606



19.3829, 44.2081, -72.8559



3.4858, 7.4596, -9.2987

Inverse Universe

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



52.7558, 11.5156, -0.1964



68.3747, 19.6567, -1.0594



59.6293, -18.8802, 13.7668



27.5664, 1.4438, 0.8092



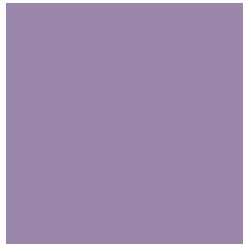
25.9361, 46.1137, 3.6017



4.1721, 7.6509, -1.2266

Previews

White Background



This preview shows how the HunterLab color 51.6960, 9.3811, -11.5977 looks on a white background.

Color Contrast Check

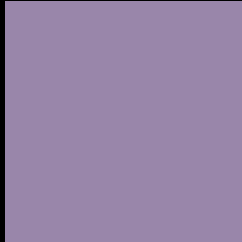
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.6960, 9.3811, -11.5977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

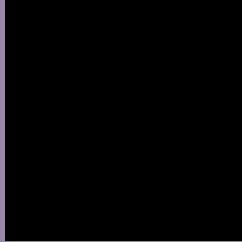
Any Text WCAG AA ✓ Pass

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 51.6960, 9.3811, -11.5977 Background



This preview shows how black text looks on a background with the HunterLab color 51.6960, 9.3811, -11.5977.



This preview shows how white text looks on a background with the HunterLab color 51.6960, 9.3811, -11.5977.

-11.5977.

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

51.6960, 9.3811, -11.5977

Protanopia

51.7675, 1.4402, -13.9393

Deuteranopia

51.6762, 3.6400, -11.1603



Tritanopia

51.7986, 2.7091, -0.5806

Trichromacy



Original Color

51.6960, 9.3811, -11.5977

Protanomaly

51.7393, 4.1465, -13.3507

Deuteranomaly

51.7452, 5.2900, -11.0314

Tritanomaly

51.8700, 4.8748, -4.4140

Monochromacy



Original Color

51.6960, 9.3811, -11.5977

Achromatopsia

52.8104, -2.8178, 2.8693

Achromatomaly

52.2103, 1.4901, -2.0258

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.6960, 9.3811, -11.5977 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(153, 134, 170)` looks like.

```
.text, #text, p{  
    color:rgb(153, 134, 170)  
}
```

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(153, 134, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 134, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 51.6960, 9.3811, -11.5977 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(153, 134, 170) }
```


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

```
.border{ border-color:rgb(153, 134, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 134, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 134, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 134, 170);  
box-shadow:4px 4px 4px 4px rgb(153, 134,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.6960, 9.3811, -11.5977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 134, 170) }
```

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

```
.background{ background-color: rgb(153,  
134, 170) }
```

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