

Converting Colors

HunterLab(19.5930, 29.1065,
-10.8749)

Have a look what the booklet for
HunterLab(19.5930, 29.1065,
-10.8749) contains.

HunterLab(19.5462, 28.9679, -11.0617)	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(19.5462, 28.9679,
-11.0617)**

Conversions

Conversions Part 1

Format	Color
Hex	631651
RGB	99, 22, 81
RGB Percent	39%, 9%, 32%
CMY	0.6118, 0.9137, 0.6824
CMYK	0.00, 0.78, 0.18, 0.61
HSL	314°, 64%, 24%
HSV	314°, 78%, 39%
XYZ	6.9177, 3.8205, 8.1574
YIQ	51.7490, 26.9530, 34.6730

Conversions

Conversions Part 2

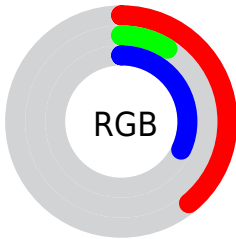
Format	Color
R_{YB}	99, 22, 81
Decimal	6493777
CIE _{Lab}	23.07, 40.36, -16.95
CIE _{LCh}	23, 43.772, 337.215
Yxy	3.8207, 0.3661, 0.2022
Android (android.graphics.Color)	4284683857 (0xFF631651)
YUV	51.7490, 14.4207, 41.4391
Hunter-Lab	19.5462, 28.9679, -11.0617

Details

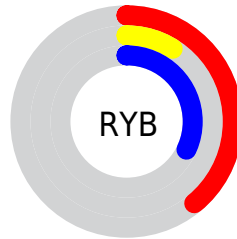
The HunterLab color **19.5462, 28.9679, -11.0617** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **30.4098, -22.8356, 14.4238**, and the grayscale version is **18.3939, -0.9815, 0.9994**.

A 20% lighter version of the original color is **36.3478, 32.1261, -12.0662**, and **8.9749, 16.7889, -5.2020** is the 20% darker color. If you saturate the color by 10%, you get **18.6496, 31.2819, -11.2869**, and if you desaturate by 10%, it is **20.7604, 25.8598, -10.3088**.

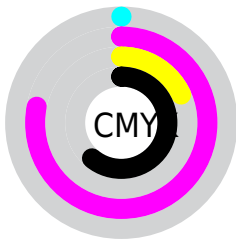
Distribution



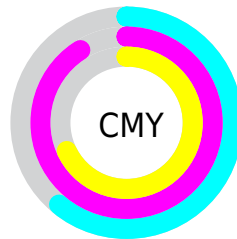
- Red (39%)
- Green (9%)
- Blue (32%)



- Red (39%)
- Yellow (9%)
- Blue (32%)



- Cyan (0%)
- Magenta (78%)
- Yellow (18%)
- Black (61%)



- Cyan (61%)
- Magenta (91%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.5462, 28.9679, -11.0617 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 19.5462, 28.9679, -11.0617 by changing the saturation by 10% instead.

■ 19.5462, 28.9679,
-11.0617

■ 19.5462, 28.9679,
-11.0617

■ 117.3679, 40.2835,
-12.2789

■ 12.5451, 27.2293,
-10.6271

■ 36.3379, 32.2659,
-11.7936

■ 5.8295, 32.6534,
-13.0470

■ 45.9457, 33.7363,
-12.0542

0.0000, INF, -NF

■ 56.2766, 35.0852,
-12.2442

0.0000, NaN, NaN

■ 67.2834, 36.3201,
-12.3677

0.0000, NaN, NaN

■ 78.9268, 37.4496,
-12.4290

0.0000, NaN, NaN

■ 91.1736, 38.4819,

0.0000, NaN, NaN

-12.4322

0.0000, NaN, NaN

103.9956, 39.4243,
-12.3811

19.5462, 28.9679,
-11.0617

19.5462, 28.9679,
-11.0617

18.6496, 31.2819,
-11.2869

20.7604, 25.8598,
-10.3088

17.9652, 33.0147,
-11.1414

22.2726, 22.1841,
-9.1160

17.8114, 33.4208,
-11.1126

24.0541, 18.1588,
-7.5867

26.0723, 13.9592,
-5.8178

28.2955, 9.7062,
-3.8867

■ 30.6953, 5.4742,
-1.8498

■ 33.2473, 1.3033,
0.2540

■ 35.9312, -2.7887,
2.3996

■ 38.7302, -6.7974,
4.5707

Harmonies

Analogous

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



19.5467, 17.1832, -30.4119



19.5462, 28.9679, -11.0617



19.5467, 31.7941, 3.9082

Triad

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



19.5467, 28.9666, -11.0610



19.5467, -4.1869, 13.6827



19.5467, -17.6688, -20.4266

Complementary

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



19.5462, 28.9679, -11.0617



30.4098, -22.8356, 14.4238

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.



19.5467, -20.6516, -2.2845



19.5462, 28.9679, -11.0617



19.5467, -14.3540, 12.6400

Square

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



19.5467, 28.9666, -11.0610



19.5467, 10.0123, 13.6827



19.5467, -19.6282, 8.3942



19.5467, -10.0842, -37.9157

Rectangle

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



19.5462, 28.9679, -11.0617



19.5467, 27.6773, 9.3018



19.5467, -19.6282, 8.3942



19.5467, -19.1343, -13.8602

Sweetspot

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



19.5467, 28.9666, -11.0610



38.3281, 10.4235, -4.0056



13.8757, 19.6235, -41.5458



18.3019, 5.7716, -2.2812



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



19.5467, 28.9666, -11.0610



23.7910, 42.4992, -14.5033



18.4328, 24.4917, 4.5781



16.1841, 0.8593, 0.0120



20.3206, 38.1036, -12.4808



46.8181, 87.5389, -26.8115

Inverse Universe

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



19.5467, 28.9666, -11.0610



23.7910, 42.4992, -14.5033



31.0663, -18.8294, 4.8888



16.1841, 0.8593, 0.0120



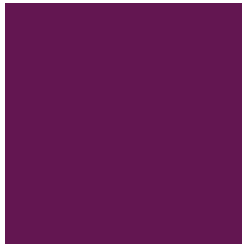
20.3206, 38.1036, -12.4808



46.8181, 87.5389, -26.8115

Previews

White Background



This preview shows how the HunterLab color 19.5462, 28.9679, -11.0617 looks on a white 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

Black Background



This preview shows how the HunterLab color 19.5462, 28.9679, -11.0617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

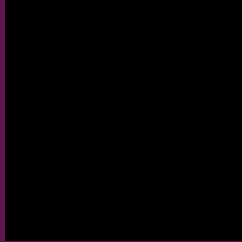
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 19.5462, 28.9679, -11.0617 Background



This preview shows how black text looks on a background with the HunterLab color 19.5462, 28.9679, -11.0617.



This preview shows how white text looks on a background with the HunterLab color 19.5462, 28.9679, -11.0617.

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

19.5462, 28.9679, -11.0617

Protanopia

20.1199, 4.9348, -29.3236

Deuteranopia

20.1344, 0.9703, -7.7106



Tritanopia

19.7548, 17.3586, 6.7158

Trichromacy



Original Color

19.5462, 28.9679, -11.0617

Protanomaly

18.3480, 12.0266, -25.8235

Deuteranomaly

18.9219, 10.8444, -10.7354

Tritanomaly

19.4581, 21.0471, 1.7241

Monochromacy



Original Color

19.5462, 28.9679, -11.0617

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

17.9164, 9.9366, -4.3483

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.5462, 28.9679, -11.0617 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(99, 22, 81)` looks like.

```
.text, #text, p{  
    color:rgb(99, 22, 81)  
}
```

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(99, 22, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 22, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 19.5462, 28.9679, -11.0617 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(99, 22, 81) }
```


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

```
.border{ border-color:rgb(99, 22, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 22, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 22, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 22, 81);  
box-shadow:4px 4px 4px 4px rgb(99, 22, 81)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.5462, 28.9679, -11.0617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 22, 81) }
```

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

```
.background{ background-color: rgb(99, 22,  
81) }
```

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