

Converting Colors

HunterLab(19.8264, 18.1768,
-2.9513)

Have a look what the booklet for
HunterLab(19.8264, 18.1768,
-2.9513) contains.

HunterLab(19.8827, 18.1098, -2.8012)	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(19.8827, 18.1098,
-2.8012)**

Conversions

Conversions Part 1

Format	Color
Hex	5A2642
RGB	90, 38, 66
RGB Percent	35%, 15%, 26%
CMY	0.6471, 0.8510, 0.7412
CMYK	0.00, 0.58, 0.27, 0.65
HSL	328°, 41%, 25%
HSV	328°, 58%, 35%
XYZ	5.8929, 3.9532, 5.6067
YIQ	56.7400, 22.0040, 19.7320

Conversions

Conversions Part 2

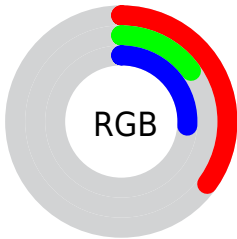
Format	Color
R_{YB}	90, 38, 66
Decimal	5908034
CIE _{Lab}	23.52, 27.56, -6.27
CIE _{LCh}	24, 28.270, 347.176
Yxy	3.9534, 0.3813, 0.2558
Android (android.graphics.Color)	4284098114 (0xFF5A2642)
YUV	56.7400, 4.5652, 29.1690
Hunter-Lab	19.8827, 18.1098, -2.8012

Details

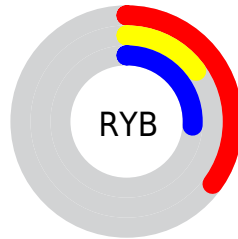
The HunterLab color **19.8827, 18.1098, -2.8012** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **28.4118, -16.2646, 7.7112**, and the grayscale version is **20.1188, -1.0735, 1.0931**.

A 20% lighter version of the original color is **36.6915, 20.6387, -2.7541**, and **7.6127, 13.9033, -1.7959** is the 20% darker color. If you saturate the color by 10%, you get **18.4354, 21.1966, -2.8551**, and if you desaturate by 10%, it is **21.5663, 14.7624, -2.4525**.

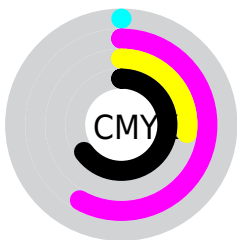
Distribution



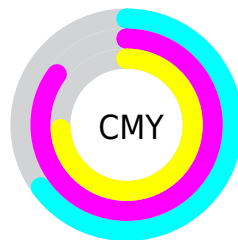
- Red (35%)
- Green (15%)
- Blue (26%)



- Red (35%)
- Yellow (15%)
- Blue (26%)



- Cyan (0%)
- Magenta (58%)
- Yellow (27%)
- Black (65%)



- Cyan (65%)
- Magenta (85%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.8827, 18.1098, -2.8012 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 19.8827, 18.1098, -2.8012 by changing the saturation by 10% instead.

■ 19.8827, 18.1098,
-2.8012

■ 19.8827, 18.1098,
-2.8012

■ 117.9783, 24.8361,
-0.1805

■ 12.8356, 16.7568,
-2.7597

■ 36.7513, 20.3729,
-2.6233

■ 6.2397, 19.3871,
-3.8287

■ 46.3925, 21.3035,
-2.4289

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.7547, 22.1189,
-2.1750

0.0000, NaN, NaN

■ 67.7907, 22.8314,
-1.8675

0.0000, NaN, NaN

■ 79.4617, 23.4514,
-1.5108

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.7348, 23.9876,

-1.1088

0.0000, NaN, NaN

104.5819, 24.4471,
-0.6645

19.8827, 18.1098,
-2.8012

19.8827, 18.1098,
-2.8012

18.4354, 21.1966,
-2.8551

21.5663, 14.7624,
-2.4525

17.2523, 23.8433,
-2.5678

23.4539, 11.2959,
-1.8655

16.3557, 25.8497,
-1.9154

25.5172, 7.8003,
-1.0898

15.6274, 27.4871,
-1.0754

27.7312, 4.3291,
-0.1675

15.4625, 27.8847,
-0.8979

30.0749, 0.9095,
0.8688

■ 32.5307, -2.4475,
1.9944

■ 35.0845, -5.7406,
3.1909

■ 37.7246, -8.9733,
4.4445

■ 40.4414, -12.1516,
5.7449

Harmonies

Analogous

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



19.8832, 12.8177, -13.1298



19.8827, 18.1098, -2.8012



19.8832, 17.6643, 5.2462

Triad

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



19.8832, 18.1087, -2.8007



19.8832, -5.7830, 11.0961



19.8832, -11.2396, -14.5648

Complementary

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



19.8827, 18.1098, -2.8012



28.4118, -16.2646, 7.7112

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.



19.8832, -14.6991, -4.2379



19.8827, 18.1098, -2.8012



19.8832, -11.9424, 9.1679

Square

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



19.8832, 18.1087, -2.8007



19.8832, 2.8050, 11.2119



19.8832, -14.9319, 4.3121



19.8832, -4.6543, -21.6500

Rectangle

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



19.8827, 18.1098, -2.8012



19.8832, 14.1688, 8.5188



19.8832, -14.9319, 4.3121



19.8832, -12.7532, -11.1957

Sweetspot

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



19.8832, 18.1087, -2.8007



36.7469, 5.6238, -0.1924



17.6903, 14.3265, -21.2676



17.9025, 3.0127, -0.1650



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



19.8832, 18.1087, -2.8007



23.8011, 29.3270, -3.6986



19.2806, 15.3543, 5.8096



15.3822, 0.6579, 0.3882



18.9968, 34.1969, -0.6264



44.2501, 79.2833, 1.4342

Inverse Universe

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



19.8832, 18.1087, -2.8007



23.8011, 29.3270, -3.6986



29.0158, -12.6836, -0.9431



15.3822, 0.6579, 0.3882



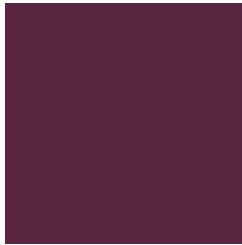
18.9968, 34.1969, -0.6264



44.2501, 79.2833, 1.4342

Previews

White Background



This preview shows how the HunterLab color 19.8827, 18.1098, -2.8012 looks on a white background.

Color Contrast Check

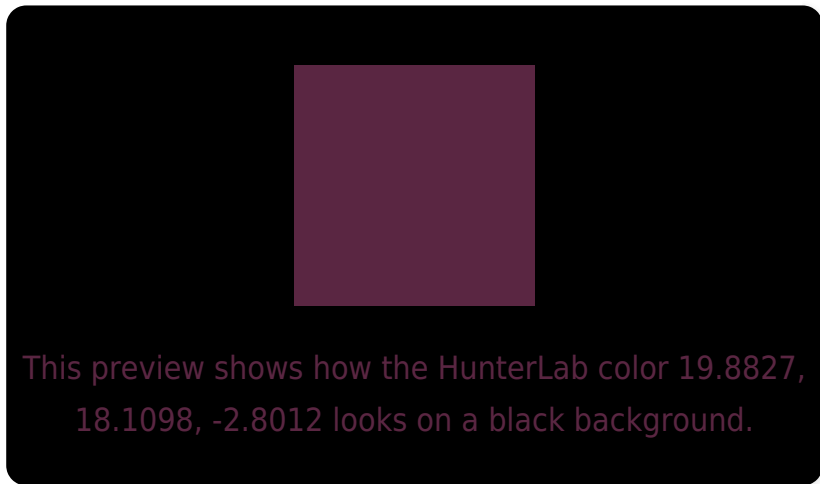
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

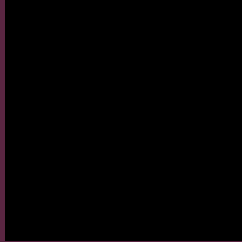
Any Text WCAG AA × Fail

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 19.8827, 18.1098, -2.8012 Background



This preview shows how black text looks on a background with the HunterLab color 19.8827, 18.1098, -2.8012.



This preview shows how white text looks on a background with the HunterLab color 19.8827, 18.1098, -2.8012.

-2.8012.

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

19.8827, 18.1098, -2.8012

Protanopia

20.1766, 1.3244, -9.2809

Deuteranopia

20.0526, 1.1110, -1.5286



Tritanopia

19.9993, 13.0330, 4.8888

Trichromacy



Original Color

19.8827, 18.1098, -2.8012

Protanomaly

19.5317, 7.0760, -7.5070

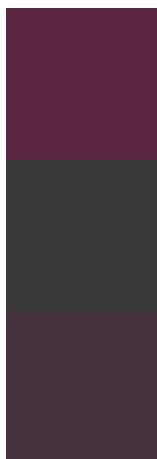
Deuteranomaly

19.6695, 6.8651, -2.3805

Tritanomaly

19.9167, 14.9346, 2.5074

Monochromacy



Original Color

19.8827, 18.1098, -2.8012

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

19.6791, 5.5669, -0.6562

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.8827, 18.1098, -2.8012 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(90, 38, 66)` looks like.

```
.text, #text, p{  
    color:rgb(90, 38, 66)  
}
```

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(90, 38, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 38, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 19.8827, 18.1098, -2.8012 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(90, 38, 66) }
```


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

```
.border{ border-color:rgb(90, 38, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 38, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 38, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 38, 66);  
box-shadow:4px 4px 4px 4px rgb(90, 38, 66)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.8827, 18.1098, -2.8012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 38, 66) }
```

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

```
.background{ background-color: rgb(90, 38,  
66) }
```

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