

Converting Colors

HunterLab(18.2706, 15.5364,
-5.3009)

Have a look what the booklet for
HunterLab(18.2706, 15.5364,
-5.3009) contains.

HunterLab(18.2136, 15.5470, -5.2831)	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(18.2136, 15.5470,
-5.2831)**

Conversions

Conversions Part 1

Format	Color
Hex	4F2442
RGB	79, 36, 66
RGB Percent	31%, 14%, 26%
CMY	0.6902, 0.8588, 0.7412
CMYK	0.00, 0.54, 0.16, 0.69
HSL	318°, 37%, 23%
HSV	318°, 54%, 31%
XYZ	4.8387, 3.3174, 5.5395
YIQ	52.2770, 15.9980, 18.4460

Conversions

Conversions Part 2

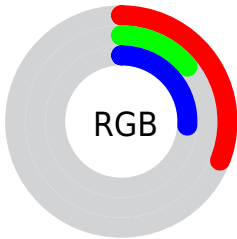
Format	Color
R_{YB}	79, 36, 66
Decimal	5186626
CIE _{Lab}	21.27, 24.65, -9.84
CIE _{LCh}	21, 26.545, 338.230
Yxy	3.3175, 0.3533, 0.2422
Android (android.graphics.Color)	4283376706 (0xFF4F2442)
YUV	52.2770, 6.7654, 23.4361
Hunter-Lab	18.2136, 15.5470, -5.2831

Details

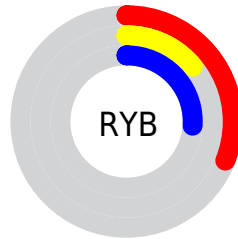
The HunterLab color **18.2136, 15.5470, -5.2831** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **24.8774, -14.2747, 8.1537**, and the grayscale version is **18.5989, -0.9924, 1.0105**.

A 20% lighter version of the original color is **34.7398, 17.2226, -5.4617**, and **6.6409, 12.3658, -3.4066** is the 20% darker color. If you saturate the color by 10%, you get **16.9216, 18.4527, -6.0429**, and if you desaturate by 10%, it is **19.6939, 12.4569, -4.2989**.

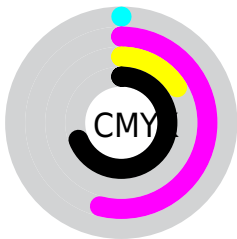
Distribution



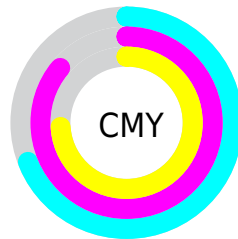
- Red (31%)
- Green (14%)
- Blue (26%)



- Red (31%)
- Yellow (14%)
- Blue (26%)



- Cyan (0%)
- Magenta (54%)
- Yellow (16%)
- Black (69%)



- Cyan (69%)
- Magenta (86%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.2136, 15.5470, -5.2831 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 18.2136, 15.5470, -5.2831 by changing the saturation by 10% instead.

■ 18.2136, 15.5470,
-5.2831

■ 18.2136, 15.5470,
-5.2831

■ 114.9259, 21.3459,
-4.1847

■ 11.4003, 14.2889,
-5.0373

■ 34.6928, 17.5992,
-5.5002

■ 3.7542, 28.4128,
-10.6657

■ 44.1647, 18.4220,
-5.4895

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.3695, 19.1307,
-5.4104

0.0000, NaN, NaN

■ 65.2580, 19.7384,
-5.2696

0.0000, NaN, NaN

■ 76.7895, 20.2557,
-5.0725

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.9302, 20.6914,

-4.8235

0.0000, NaN, NaN

101.6507, 21.0528,
-4.5265

18.2136, 15.5470,
-5.2831

18.2136, 15.5470,
-5.2831

16.9216, 18.4527,
-6.0429

19.6939, 12.4569,
-4.2989

15.8401, 21.0350,
-6.5145

21.3371, 9.2892,
-3.1502

14.9889, 23.1289,
-6.6373

23.1217, 6.1109,
-1.8829

14.3099, 24.8158,
-6.4876

25.0284, 2.9619,
-0.5313

13.9256, 25.8366,
-6.4175

27.0408, -0.1378,
0.8800

■ 29.1455, -3.1801,
2.3339

■ 31.3312, -6.1644,
3.8191

■ 33.5886, -9.0940,
5.3276

■ 35.9100, -11.9743,
6.8543

Harmonies

Analogous

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



18.2140, 9.5079, -14.5697



18.2136, 15.5470, -5.2831



18.2140, 16.8005, 2.9564

Triad

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



18.2140, 15.5461, -5.2826



18.2140, -3.1141, 10.3815



18.2140, -11.5108, -10.5264

Complementary

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



18.2136, 15.5470, -5.2831



24.8774, -14.2747, 8.1537

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.



18.2140, -13.7884, -1.2202



18.2136, 15.5470, -5.2831



18.2140, -9.5153, 9.1250

Square

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



18.2140, 15.5461, -5.2826



18.2140, 5.0631, 10.0129



18.2140, -13.1265, 5.6098



18.2140, -6.3126, -18.3945

Rectangle

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



18.2136, 15.5470, -5.2831



18.2140, 14.5821, 6.6247



18.2140, -13.1265, 5.6098



18.2140, -12.5988, -7.3351

Sweetspot

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



18.2140, 15.5461, -5.2826



32.0837, 4.7329, -1.0763



15.7383, 9.9326, -17.9952



15.8909, 2.5635, -0.6249



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



18.2140, 15.5461, -5.2826



21.6263, 25.0698, -8.0955



17.6368, 12.8722, 2.8817



13.1130, 0.5778, 0.1416



18.1157, 33.5463, -7.8492



43.9117, 80.9890, -16.4989

Inverse Universe

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



18.2140, 15.5461, -5.2826



21.6263, 25.0698, -8.0955



25.3266, -11.6064, 1.6825



13.1130, 0.5778, 0.1416



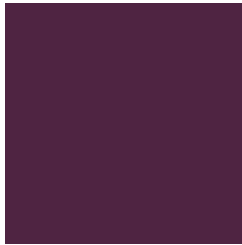
18.1157, 33.5463, -7.8492



43.9117, 80.9890, -16.4989

Previews

White Background



This preview shows how the HunterLab color 18.2136, 15.5470, -5.2831 looks on a white background.

Color Contrast Check

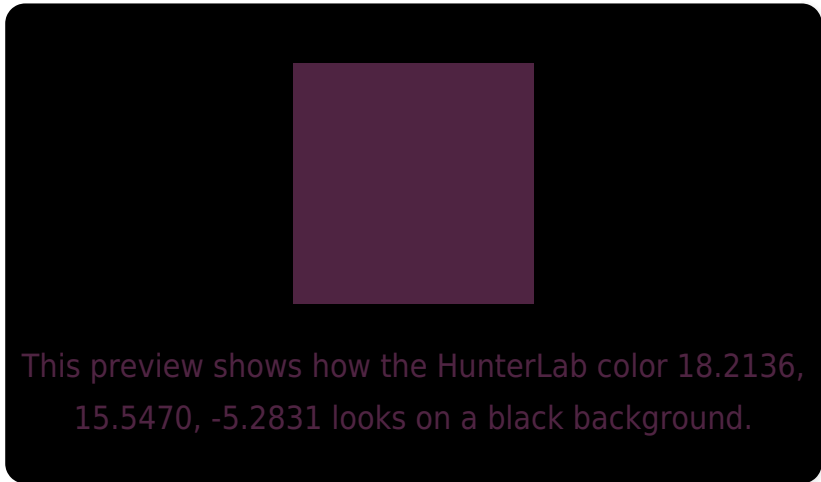
Large Text (above 18pt) WCAG AA ✓ Pass

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

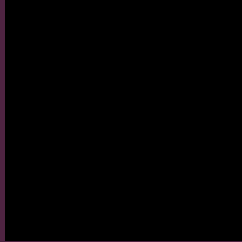
Any Text WCAG AA × Fail

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 18.2136, 15.5470, -5.2831 Background



This preview shows how black text looks on a background with the HunterLab color 18.2136, 15.5470, -5.2831.



This preview shows how white text looks on a background with the HunterLab color 18.2136, 15.5470, -5.2831.

-5.2831.

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

18.2136, 15.5470, -5.2831

Protanopia

18.4853, 1.6375, -11.1006

Deuteranopia

18.5516, 0.9654, -4.0536



Tritanopia

18.2907, 10.0345, 3.7222

Trichromacy



Original Color

18.2136, 15.5470, -5.2831

Protanomaly

18.0991, 5.9068, -9.3928

Deuteranomaly

18.2421, 5.8036, -4.9119

Tritanomaly

18.2172, 12.0877, 0.8634

Monochromacy



Original Color

18.2136, 15.5470, -5.2831

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.0929, 4.8616, -1.4510

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.2136, 15.5470, -5.2831 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(79, 36, 66)` looks like.

```
.text, #text, p{  
    color:rgb(79, 36, 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(79, 36, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 36, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 18.2136, 15.5470, -5.2831 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(79, 36, 66) }
```


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

```
.border{ border-color:rgb(79, 36, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 36, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 36, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 36, 66);  
box-shadow:4px 4px 4px 4px rgb(79, 36, 66)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.2136, 15.5470, -5.2831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 36, 66) }
```

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

```
.background{ background-color: rgb(79, 36,  
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