

Converting Colors

HunterLab(14.9965, 20.8005,
-9.4248)

Have a look what the booklet for
HunterLab(14.9965, 20.8005,
-9.4248) contains.

HunterLab(15.0287, 20.8021, -9.5109)	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(15.0287, 20.8021,
-9.5109)**

Conversions

Conversions Part 1

Format	Color
Hex	4A1240
RGB	74, 18, 64
RGB Percent	29%, 7%, 25%
CMY	0.7098, 0.9294, 0.7490
CMYK	0.00, 0.76, 0.14, 0.71
HSL	311°, 61%, 18%
HSV	311°, 76%, 29%
XYZ	3.9658, 2.2586, 5.0774
YIQ	39.9880, 18.6100, 26.1780

Conversions

Conversions Part 2

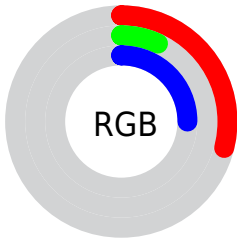
Format	Color
R_{YB}	74, 18, 64
Decimal	4854336
CIE _{Lab}	16.79, 32.08, -15.45
CIE _{LCh}	17, 35.611, 334.283
Yxy	2.2587, 0.3509, 0.1999
Android (android.graphics.Color)	4283044416 (0xFF4A1240)
YUV	39.9880, 11.8379, 29.8285
Hunter-Lab	15.0287, 20.8021, -9.5109

Details

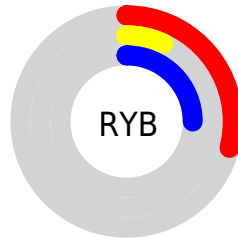
The HunterLab color **15.0287, 20.8021, -9.5109** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **22.6055, -16.5976, 10.7569**, and the grayscale version is **14.5220, -0.7749, 0.7890**.

A 20% lighter version of the original color is **30.7022, 23.7723, -10.2680**, and **5.3587, 10.1873, -4.3694** is the 20% darker color. If you saturate the color by 10%, you get **14.2880, 22.8123, -10.1157**, and if you desaturate by 10%, it is **15.9808, 18.3189, -8.5679**.

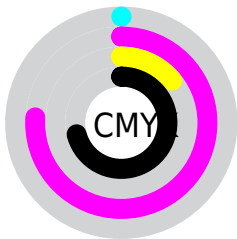
Distribution



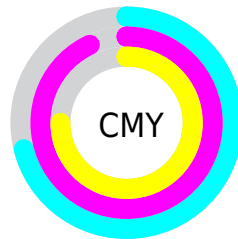
- Red (29%)
- Green (7%)
- Blue (25%)



- Red (29%)
- Yellow (7%)
- Blue (25%)



- Cyan (0%)
- Magenta (76%)
- Yellow (14%)
- Black (71%)












- Cyan (71%)
- Magenta (93%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.0287, 20.8021, -9.5109 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 15.0287, 20.8021, -9.5109 by changing the saturation by 10% instead.

 15.0287, 20.8021, -9.5109	 15.0287, 20.8021, -9.5109
108.9079, 29.8629, -10.6183	 8.6703, 19.4724, -9.2025
 30.7005, 23.6449, -10.2342	0.0000, INF, -NF
 39.8247, 24.8623, -10.4876	0.0000, NaN, NaN
 49.7077, 25.9519, -10.6671	0.0000, NaN, NaN
 60.2952, 26.9256, -10.7773	0.0000, NaN, NaN
 71.5430, 27.7945, -10.8232	0.0000, NaN, NaN
 83.4145, 28.5684,	0.0000, NaN, NaN

-10.8093

95.8784, 29.2554,
-10.7398

15.0287, 20.8021,
-9.5109

15.0287, 20.8021,
-9.5109

14.2880, 22.8123,
-10.1157

15.9808, 18.3189,
-8.5679

13.6608, 24.5810,
-10.5328

17.1279, 15.5156,
-7.3624

13.3808, 25.4157,
-10.7378

18.4502, 12.5257,
-5.9679

19.9265, 9.4517,
-4.4472

21.5370, 6.3627,
-2.8474

■ 23.2638, 3.3004,
-1.2015

■ 25.0917, 0.2871,
0.4689

■ 27.0078, -2.6677,
2.1502

■ 29.0015, -5.5623,
3.8344

Harmonies

Analogous

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



15.0291, 11.6670, -23.5830



15.0287, 20.8021, -9.5109



15.0291, 23.6500, 2.1238

Triad

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



15.0291, 20.8012, -9.5103



15.0291, -2.2151, 10.5203



15.0291, -13.6423, -13.6065

Complementary

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



15.0287, 20.8021, -9.5109



22.6055, -16.5976, 10.7569

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.



15.0291, -15.5976, -0.6165



15.0287, 20.8021, -9.5109



15.0291, -10.1910, 10.5203

Square

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



15.0291, 20.8012, -9.5103



15.0291, 8.5082, 10.5203



15.0291, -14.5234, 6.7980



15.0291, -8.2849, -26.8470

Rectangle

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



15.0287, 20.8021, -9.5109



15.0291, 21.1090, 6.5733



15.0291, -14.5234, 6.7980



15.0291, -14.6449, -8.8432

Sweetspot

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



15.0291, 20.8012, -9.5103



28.8177, 7.6775, -3.3764



10.7923, 12.7589, -28.7183



14.2552, 4.2488, -1.9040



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



15.0291, 20.8012, -9.5103



18.2252, 31.8137, -13.6352



14.2129, 17.4408, 1.8752



13.1244, 0.6393, -0.0210



18.6051, 35.2840, -14.5061



45.1591, 85.4256, -33.5250

Inverse Universe

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



15.0291, 20.8012, -9.5103



18.2252, 31.8137, -13.6352



23.0332, -13.9906, 4.5355



13.1244, 0.6393, -0.0210



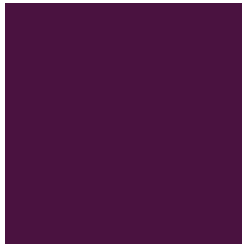
18.6051, 35.2840, -14.5061



45.1591, 85.4256, -33.5250

Previews

White Background



This preview shows how the HunterLab color 15.0287, 20.8021, -9.5109 looks on a white background.

Color Contrast Check

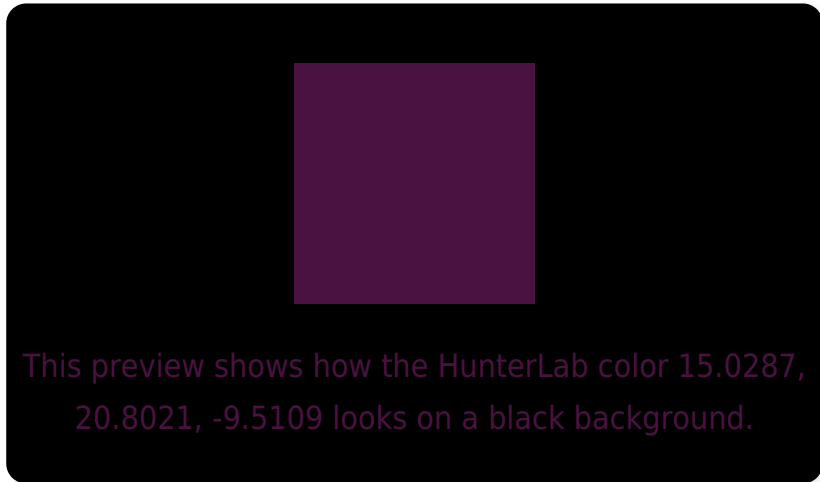
Large Text (above 18pt) WCAG AA ✓ Pass

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

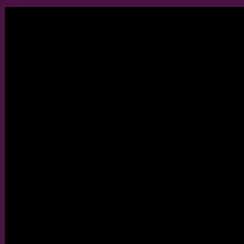
Any Text WCAG AA × Fail

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 15.0287, 20.8021, -9.5109 Background



This preview shows how black text looks on a background with the HunterLab color 15.0287, 20.8021, -9.5109.



This preview shows how white text looks on a background with the HunterLab color 15.0287, 20.8021, -9.5109.

-9.5109.

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

15.0287, 20.8021, -9.5109

Protanopia

15.5409, 3.3484, -22.3643

Deuteranopia

15.6780, 0.6756, -7.0234



Tritanopia

15.2225, 11.8832, 4.5391

Trichromacy



Original Color

15.0287, 20.8021, -9.5109

Protanomaly

14.2675, 8.5957, -20.2353

Deuteranomaly

14.7308, 7.6280, -9.1326

Tritanomaly

14.9913, 14.9173, 0.4597

Monochromacy



Original Color

15.0287, 20.8021, -9.5109

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.0884, 6.8563, -3.4273

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.0287, 20.8021, -9.5109 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(74, 18, 64)` looks like.

```
.text, #text, p{  
    color:rgb(74, 18, 64)  
}
```

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(74, 18, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 18, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 15.0287, 20.8021, -9.5109 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(74, 18, 64) }
```


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

```
.border{ border-color:rgb(74, 18, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 18, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 18, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 18, 64);  
box-shadow:4px 4px 4px 4px rgb(74, 18, 64)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.0287, 20.8021, -9.5109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 18, 64) }
```

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

```
.background{ background-color: rgb(74, 18,  
64) }
```

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