

Converting Colors

HunterLab(13.0501, 19.4216,
-16.0353)

Have a look what the booklet for
HunterLab(13.0501, 19.4216,
-16.0353) contains.

HunterLab(13.0821, 19.3311, -15.6669)	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(13.0821, 19.3311,
-15.6669)**

Conversions

Conversions Part 1

Format	Color
Hex	3D0E43
RGB	61, 14, 67
RGB Percent	24%, 5%, 26%
CMY	0.7608, 0.9451, 0.7373
CMYK	0.09, 0.79, 0.00, 0.74
HSL	293°, 65%, 16%
HSV	293°, 79%, 26%
XYZ	3.0946, 1.7114, 5.4774
YIQ	34.0950, 10.9990, 26.4470

Conversions

Conversions Part 2

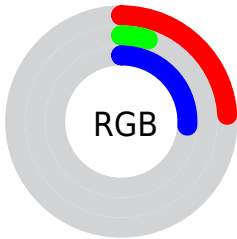
Format	Color
R_{YB}	61, 14, 67
Decimal	4001347
CIE _{Lab}	13.89, 30.81, -22.29
CIE _{LCh}	14, 38.025, 324.114
Yxy	1.7115, 0.3009, 0.1664
Android (android.graphics.Color)	4282191427 (0xFF3D0E43)
YUV	34.0950, 16.2222, 23.5957
Hunter-Lab	13.0821, 19.3311, -15.6669




Details

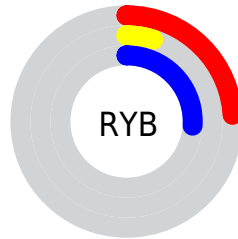
The HunterLab color **13.0821, 19.3311, -15.6669** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **20.4811, -15.1434, 11.1524**, and the grayscale version is **12.6259, -0.6737, 0.6860**.




A 20% lighter version of the original color is **28.2043, 22.2773, -16.3271**, and **2.4872, 6.7465, -17.6726** is the 20% darker color. If you saturate the color by 10%, you get **12.3773, 21.1792, -17.4394**, and if you desaturate by 10%, it is **13.9536, 17.1226, -13.6654**.

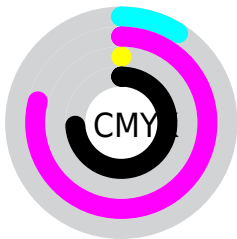
Distribution







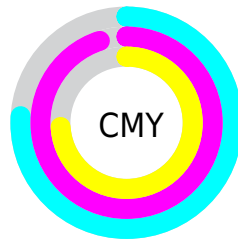
-  Red (24%)
-  Green (5%)
-  Blue (26%)






-  Red (24%)
-  Yellow (5%)
-  Blue (26%)



-  Cyan (9%)
-  Magenta (79%)
-  Yellow (0%)
-  Black (74%)



-  Cyan (76%)
-  Magenta (95%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.0821, 19.3311, -15.6669 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 13.0821, 19.3311, -15.6669 by changing the saturation by 10% instead.

13.0821, 19.3311,
-15.6669

13.0821, 19.3311,
-15.6669

105.0772, 28.2081,
-18.6746

6.5657, 21.2440,
-17.6767

28.2088, 22.1472,
-16.6045

0.0000, INF, -NF

0.0000, NaN, NaN

37.1011, 23.3484,
-17.0782

0.0000, NaN, NaN

46.7705, 24.4186,
-17.4981

0.0000, NaN, NaN

0.0000, NaN, NaN

57.1588, 25.3705,
-17.8560

0.0000, NaN, NaN

68.2195, 26.2160,
-18.1506

0.0000, NaN, NaN

79.9137, 26.9651,

0.0000, NaN, NaN

-18.3835

92.2090, 27.6267,
-18.5572

13.0821, 19.3311,
-15.6669

13.0821, 19.3311,
-15.6669

12.3773, 21.1792,
-17.4394

13.9536, 17.1226,
-13.6654

11.6746, 23.1767,
-19.3684

14.9953, 14.6299,
-11.4997

11.6095, 23.3722,
-19.5564

16.1895, 11.9741,
-9.2617

17.5174, 9.2462,
-7.0171

18.9615, 6.5069,
-4.8063

■ 20.5064, 3.7924,
-2.6510

■ 22.1389, 1.1217,
-0.5597

■ 23.8478, -1.4971,
1.4666

■ 25.6240, -4.0630,
3.4313

Harmonies

Analogous

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



13.0824, 8.3359, -30.4161



13.0821, 19.3311, -15.6669



13.0824, 25.1464, -1.3536

Triad

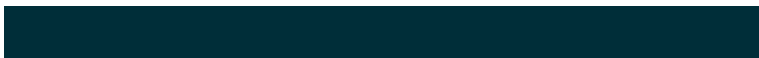
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.0824, 19.3306, -15.6663



13.0824, 1.3780, 9.1577



13.0824, -14.5069, -9.4576

Complementary

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



13.0821, 19.3311, -15.6669



20.4811, -15.1434, 11.1524

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.



13.0824, -15.5453, 2.4877



13.0821, 19.3311, -15.6669



13.0824, -7.7976, 9.1577

Square

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



13.0824, 19.3306, -15.6663



13.0824, 12.9268, 9.1577



13.0824, -13.2080, 8.6299



13.0824, -10.3394, -25.2873

Rectangle

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



13.0821, 19.3311, -15.6669



13.0824, 24.3319, 4.4993



13.0824, -13.2080, 8.6299



13.0824, -15.2298, -4.7151

Sweetspot

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



13.0824, 19.3306, -15.6663



25.4319, 6.9911, -5.0783



10.0274, 8.2226, -25.0754



12.7912, 3.8308, -2.8016



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



13.0824, 19.3306, -15.6663



15.3974, 29.2350, -24.4740



13.0771, 17.7715, -3.6729



11.6211, 0.5027, -0.2276



16.8415, 33.9550, -28.7559



41.8872, 84.6329, -72.9310

Inverse Universe

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



12.4817, 15.3120, 4.8152



14.6175, 23.5890, 7.7839



20.5549, -14.4204, 7.9784



11.5795, 0.2251, 0.7776



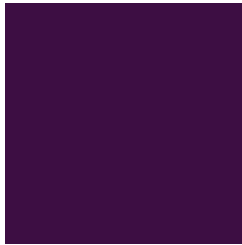
16.0000, 27.5510, 9.1717



39.9790, 68.6452, 24.4387

Previews

White Background



This preview shows how the HunterLab color 13.0821, 19.3311, -15.6669 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 13.0821, 19.3311, -15.6669 Background



This preview shows how black text looks on a background with the HunterLab color 13.0821, 19.3311, -15.6669.



This preview shows how white text looks on a background with the HunterLab color 13.0821, 19.3311, -15.6669.

-15.6669.

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

13.0821, 19.3311, -15.6669

Protanopia

13.3550, 2.4967, -22.0823

Deuteranopia

13.6883, 0.0366, -11.9337



Tritanopia

13.4848, 7.0794, 2.7336

Trichromacy



Original Color

13.0821, 19.3311, -15.6669

Protanomaly

12.1742, 7.2676, -23.0690

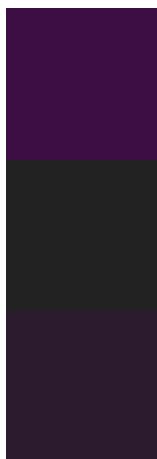
Deuteranomaly

12.6055, 6.6080, -14.9312

Tritanomaly

13.1706, 11.1884, -2.4154

Monochromacy



Original Color

13.0821, 19.3311, -15.6669

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.3150, 6.3330, -4.7449

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.0821, 19.3311, -15.6669 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(61, 14, 67)` looks like.

```
.text, #text, p{  
    color:rgb(61, 14, 67)  
}
```

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(61, 14, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 14, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 13.0821, 19.3311, -15.6669 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(61, 14, 67) }
```


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

```
.border{ border-color:rgb(61, 14, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 14, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 14, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 14, 67);  
box-shadow:4px 4px 4px 4px rgb(61, 14, 67)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.0821, 19.3311, -15.6669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 14, 67) }
```

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

```
.background{ background-color: rgb(61, 14,  
67) }
```

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