

Converting Colors

HunterLab(13.8248, 19.3475,
-15.2120)

Have a look what the booklet for
HunterLab(13.8248, 19.3475,
-15.2120) contains.

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Color

**HunterLab(13.8584, 19.3987,
-15.2085)**

Conversions

Conversions Part 1

Format	Color
Hex	401145
RGB	64, 17, 69
RGB Percent	25%, 7%, 27%
CMY	0.7490, 0.9333, 0.7294
CMYK	0.07, 0.75, 0.00, 0.73
HSL	294°, 60%, 17%
HSV	294°, 75%, 27%
XYZ	3.3890, 1.9206, 5.8223
YIQ	36.9810, 11.3200, 26.1360

Conversions

Conversions Part 2

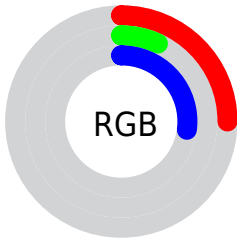
Format	Color
R_{YB}	64, 17, 69
Decimal	4198725
CIE _{Lab}	15.07, 30.67, -21.79
CIE _{LCh}	15, 37.620, 324.608
Yxy	1.9206, 0.3044, 0.1725
Android (android.graphics.Color)	4282388805 (0xFF401145)
YUV	36.9810, 15.7854, 23.6957
Hunter-Lab	13.8584, 19.3987, -15.2085




Details

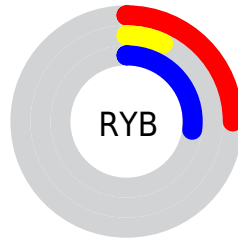
The HunterLab color **13.8584, 19.3987, -15.2085** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **21.1360, -15.3662, 11.2671**, and the grayscale version is **13.5444, -0.7227, 0.7359**.




A 20% lighter version of the original color is **29.2442, 22.3296, -16.3379**, and **3.5814, 8.0930, -12.8771** is the 20% darker color. If you saturate the color by 10%, you get **13.1029, 21.4170, -17.0277**, and if you desaturate by 10%, it is **14.8030, 16.9814, -13.1318**.

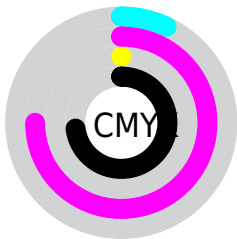
Distribution







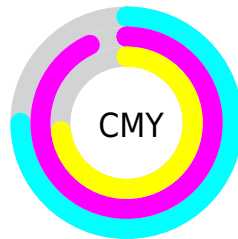
-  Red (25%)
-  Green (7%)
-  Blue (27%)






-  Red (25%)
-  Yellow (7%)
-  Blue (27%)



-  Cyan (7%)
-  Magenta (75%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (75%)
-  Magenta (93%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.8584, 19.3987, -15.2085 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 13.8584, 19.3987, -15.2085 by changing the saturation by 10% instead.

■ 13.8584, 19.3987,
-15.2085

■ 13.8584, 19.3987,
-15.2085

■ 106.6207, 28.1095,
-18.0788

■ 7.4883, 19.3783,
-15.9011

■ 29.2078, 22.1734,
-16.1588

0.0000, INF, -NF

0.0000, NaN, NaN

■ 38.1947, 23.3525,
-16.6155

0.0000, NaN, NaN

■ 47.9510, 24.4022,
-17.0146

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.4203, 25.3352,
-17.3501

0.0000, NaN, NaN

■ 69.5570, 26.1631,
-17.6219

0.0000, NaN, NaN

■ 81.3233, 26.8960,

0.0000, NaN, NaN

-17.8321

93.6871, 27.5424,
-17.9834

13.8584, 19.3987,
-15.2085

13.8584, 19.3987,
-15.2085

13.1029, 21.4170,
-17.0277

14.8030, 16.9814,
-13.1318

12.4307, 23.3074,
-18.7864

15.9197, 14.3079,
-10.9088

12.1065, 24.2817,
-19.6883

17.1897, 11.4957,
-8.6262

18.5939, 8.6306,
-6.3445

20.1146, 5.7681,
-4.1002

■ 21.7365, 2.9404,
-1.9121

■ 23.4463, 0.1635,
0.2128

■ 25.2330, -2.5569,
2.2744

■ 27.0876, -5.2208,
4.2763

Harmonies

Analogous

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



13.8587, 8.5153, -29.6607



13.8584, 19.3987, -15.2085



13.8587, 25.0231, -1.1366

Triad

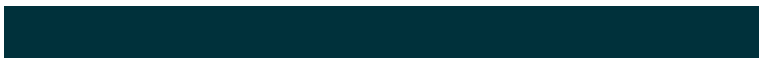
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.8587, 19.3982, -15.2079



13.8587, 1.1716, 9.7011



13.8587, -14.5897, -9.6158

Complementary

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



13.8584, 19.3987, -15.2085



21.1360, -15.3662, 11.2671

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.



13.8587, -15.6117, 2.4115



13.8584, 19.3987, -15.2085



13.8587, -8.0647, 9.7011

Square

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



13.8587, 19.3982, -15.2079



13.8587, 12.7064, 9.7011



13.8587, -13.4782, 8.4490



13.8587, -10.4516, -25.0935

Rectangle

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



13.8584, 19.3987, -15.2085



13.8587, 24.1231, 4.7165



13.8587, -13.4782, 8.4490



13.8587, -15.2816, -4.8923

Sweetspot

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



13.8587, 19.3982, -15.2079



26.4334, 6.9615, -4.9127



10.6321, 8.1913, -24.7021



13.5542, 3.9865, -2.8396



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



13.8587, 19.3982, -15.2079



16.4071, 29.4843, -23.7267



13.7158, 17.5437, -3.4231



12.3660, 0.5773, -0.2578



17.5429, 35.2269, -28.8512



43.0590, 86.6132, -71.9681

Inverse Universe

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



13.1305, 15.0797, 4.9271



15.3927, 23.3815, 7.9067



21.2464, -14.4472, 7.7687



12.3151, 0.2532, 0.8505



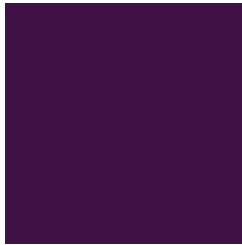
16.4287, 28.2622, 9.6271



40.4722, 69.4513, 25.0559

Previews

White Background



This preview shows how the HunterLab color 13.8584, 19.3987, -15.2085 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

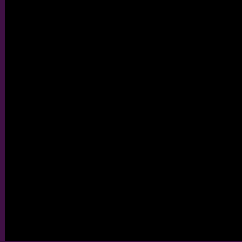
Any Text WCAG AA × Fail

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 13.8584, 19.3987, -15.2085 Background



This preview shows how black text looks on a background with the HunterLab color 13.8584, 19.3987, -15.2085.



This preview shows how white text looks on a background with the HunterLab color 13.8584, 19.3987, -15.2085.

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

13.8584, 19.3987, -15.2085

Protanopia

14.0723, 3.0042, -24.0743

Deuteranopia

14.3868, 0.1809, -11.7416



Tritanopia

14.3193, 7.7006, 3.0007

Trichromacy



Original Color

13.8584, 19.3987, -15.2085

Protanomaly

12.8317, 7.5527, -24.4029

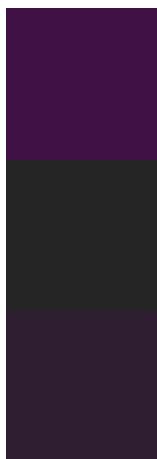
Deuteranomaly

13.4896, 6.3360, -14.2311

Tritanomaly

13.8858, 11.5265, -2.2784

Monochromacy



Original Color

13.8584, 19.3987, -15.2085

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.2463, 6.3431, -4.7327

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.8584, 19.3987, -15.2085 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(64, 17, 69)` looks like.

```
.text, #text, p{  
    color:rgb(64, 17, 69)  
}
```

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(64, 17, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 17, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 13.8584, 19.3987, -15.2085 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(64, 17, 69) }
```


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

```
.border{ border-color:rgb(64, 17, 69) }
```

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

Here you see how a box with a 4 pixel rgb(64, 17, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 17, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 17, 69);  
box-shadow:4px 4px 4px 4px rgb(64, 17, 69)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.8584, 19.3987, -15.2085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 17, 69) }
```

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

```
.background{ background-color: rgb(64, 17,  
69) }
```

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](#).

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