

Converting Colors

HunterLab(15.4240, 38.8969,
-86.7988)

Have a look what the booklet for
HunterLab(15.4240, 38.8969,
-86.7988) contains.

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Color

**HunterLab(15.4085, 38.8678,
-86.7890)**

Conversions

Conversions Part 1

Format	Color
Hex	28008D
RGB	40, 0, 141
RGB Percent	16%, 0%, 55%
CMY	0.8431, 1.0000, 0.4471
CMYK	0.72, 1.00, 0.00, 0.45
HSL	257°, 100%, 28%
HSV	257°, 100%, 55%
XYZ	5.6828, 2.3742, 25.3581
YIQ	28.0340, -21.4210, 52.3310

Conversions

Conversions Part 2

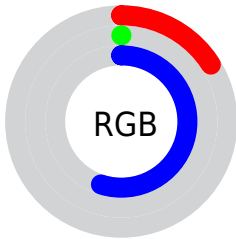
Format	Color
RYB	40, 0, 141
Decimal	2621581
CIELab	17.34, 51.81, -65.57
CIELCh	17, 83.565, 308.314
Yxy	2.3743, 0.1701, 0.0711
Android (android.graphics.Color)	4280811661 (0xFF28008D)
YUV	28.0340, 55.6922, 10.4942
Hunter-Lab	15.4085, 38.8678, -86.7890

Details

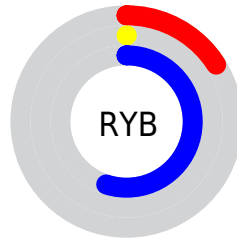
The HunterLab color **15.4085, 38.8678, -86.7890** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **46.7078, -24.8306, 28.3465**, and the grayscale version is **10.6260, -0.5670, 0.5773**.

A 20% lighter version of the original color is **31.1407, 42.7852, -79.4946**, and **8.4928, 23.0366, -60.3446** is the 20% darker color. If you saturate the color by 10%, you get **15.4089, 38.8683, -86.7864**, and if you desaturate by 10%, it is **17.0900, 35.7559, -76.2673**.

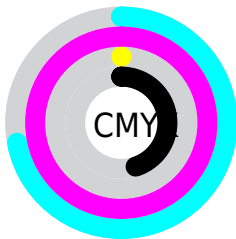
Distribution



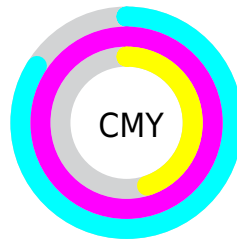
- Red (16%)
- Green (0%)
- Blue (55%)



- Red (16%)
- Yellow (0%)
- Blue (55%)



- Cyan (72%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (84%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.4085, 38.8678, -86.7890 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 15.4085, 38.8678, -86.7890 by changing the saturation by 10% instead.

15.4085, 38.8678,
-86.7890

15.4085, 38.8678,
-86.7890

109.6407, 53.9967,
-81.7619

9.0147, 37.5319,
-99.7296

31.1817, 42.7605,
-79.3466

0.0000, INF, -NF

0.0000, NaN, -NF

40.3493, 44.6782,
-78.5257

0.0000, NaN, -NF

50.2724, 46.4968,
-78.4500

0.0000, NaN, -NF

60.8972, 48.2059,
-78.7935

0.0000, NaN, NaN

0.0000, NaN, NaN


72.1803, 49.8056,
-79.3800

0.0000, NaN, NaN

84.0851, 51.3002,


0.0000, NaN, NaN


-80.1078


 96.5808, 52.6952,
-80.9149


 15.4085, 38.8678,
-86.7890


 15.4085, 38.8678,
-86.7890


 15.4089, 38.8683,
-86.7864

 17.0900, 35.7559,
-76.2673

 19.3137, 31.8541,
-64.8996

 22.1672, 27.1909,
-53.2649

 25.5216, 22.3677,
-42.4238

 29.2665, 17.6729,
-32.7076

■ 33.3184, 13.1998,
-24.0806

■ 37.6169, 8.9520,
-16.3821

■ 42.1183, 4.9007,
-9.4345

■ 46.7905, 1.0101,
-3.0814

Harmonies

Analogous

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



15.4089, 6.3416, -133.4404



15.4085, 38.8678, -86.7890



15.4089, 68.5754, -25.3446

Triad

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



15.4089, 38.8683, -86.7864



15.4089, 19.9087, 10.7862



15.4089, -26.9656, -6.8456

Complementary

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



15.4085, 38.8678, -86.7890



46.7078, -24.8306, 28.3465

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.



15.4089, -26.9656, 10.7862



15.4085, 38.8678, -86.7890



15.4089, -6.8786, 10.7862

Square

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



15.4089, 38.8683, -86.7864



15.4089, 53.7676, 10.7862



15.4089, -20.4796, 10.7862



15.4089, -24.3704, -57.5798

Rectangle

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



15.4085, 38.8678, -86.7890



15.4089, 76.3905, -0.4928



15.4089, -20.4796, 10.7862



15.4089, -26.9656, 2.0611

Sweetspot

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



15.4089, 38.8683, -86.7864



49.9609, 12.3369, -22.5528



33.5265, -8.2712, -24.0501



22.5949, 6.8097, -12.4068



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



15.4089, 38.8683, -86.7864



20.4365, 51.8495, -117.4239



22.9501, 47.6819, -50.1247



23.0748, 0.3428, -1.2661



14.7383, 37.1370, -82.7013



1.7542, 3.9598, -6.2747

Inverse Universe

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



25.6948, 47.6592, -11.7384



34.3416, 63.6228, -15.1087



43.9707, -36.0428, 26.4636



23.4207, 1.4036, 0.0486



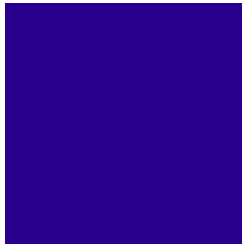
24.5413, 45.5295, -11.2871



2.4774, 4.7273, -2.1565

Previews

White Background



This preview shows how the HunterLab color 15.4085, 38.8678, -86.7890 looks on a white background.

Color Contrast Check

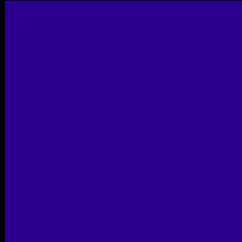
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 15.4085, 38.8678, -86.7890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

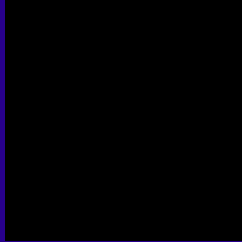
Any Text WCAG AA × Fail

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 15.4085, 38.8678, -86.7890 Background



This preview shows how black text looks on a background with the HunterLab color 15.4085, 38.8678, -86.7890.



This preview shows how white text looks on a background with the HunterLab color 15.4085, 38.8678, -86.7890.

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

15.4085, 38.8678, -86.7890

Protanopia

16.3857, 3.5566, -28.1585

Deuteranopia

16.3659, -1.7196, -16.7437



Tritanopia

16.2296, -8.0582, -2.8903

Trichromacy



Original Color

15.4085, 38.8678, -86.7890

Protanomaly

14.5876, 17.3677, -51.8314

Deuteranomaly

14.2858, 13.5500, -43.1305

Tritanomaly

13.4405, 8.2630, -30.4109

Monochromacy



Original Color

15.4085, 38.8678, -86.7890

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

10.8137, 12.2104, -23.9926

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.4085, 38.8678, -86.7890 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(40, 0, 141)` looks like.

```
.text, #text, p{  
    color:rgb(40, 0, 141)  
}
```

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(40, 0, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 0, 141) }
```

Border

The CSS property to change the border of an element to HunterLab 15.4085, 38.8678, -86.7890 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(40, 0, 141) }
```


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

```
.border{ border-color:rgb(40, 0, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 0, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 0, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 0, 141);  
box-shadow:4px 4px 4px 4px rgb(40, 0, 141)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.4085, 38.8678, -86.7890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 0, 141) }
```

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

```
.background{ background-color: rgb(40, 0,  
141) }
```

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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