

Converting Colors

HunterLab(15.9384, 40.2058,
-89.6719)

Have a look what the booklet for
HunterLab(15.9384, 40.2058,
-89.6719) contains.

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Color

**HunterLab(15.9266, 40.1104,
-89.2077)**

Conversions

Conversions Part 1

Format	Color
Hex	2A0091
RGB	42, 0, 145
RGB Percent	16%, 0%, 57%
CMY	0.8353, 1.0000, 0.4314
CMYK	0.71, 1.00, 0.00, 0.43
HSL	257°, 100%, 28%
HSV	257°, 100%, 57%
XYZ	6.0657, 2.5366, 26.9579
YIQ	29.0880, -21.5130, 53.9990

Conversions

Conversions Part 2

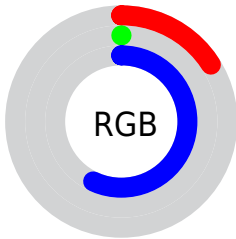
Format	Color
R _Y B	42, 0, 145
Decimal	2752657
CIE Lab	18.08, 52.90, -66.82
CIE LCh	18, 85.225, 308.368
Yxy	2.5367, 0.1706, 0.0713
Android (android.graphics.Color)	4280942737 (0xFF2A0091)
YUV	29.0880, 57.1446, 11.3238
Hunter-Lab	15.9266, 40.1104, -89.2077

Details

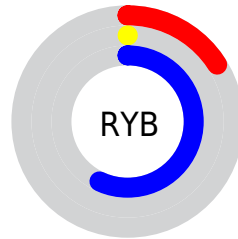
The HunterLab color **15.9266, 40.1104, -89.2077** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **48.0978, -25.8380, 29.1853**, and the grayscale version is **10.9461, -0.5841, 0.5947**.

A 20% lighter version of the original color is **31.7799, 43.8811, -81.5945**, and **8.8900, 24.1140, -63.1669** is the 20% darker color. If you saturate the color by 10%, you get **15.9271, 40.1108, -89.2049**, and if you desaturate by 10%, it is **17.6359, 37.0181, -78.5437**.

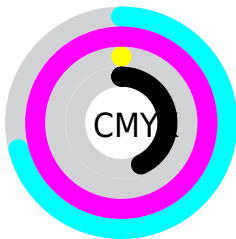
Distribution



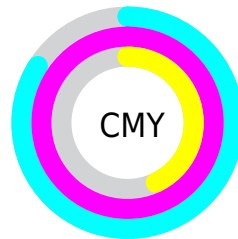
- Red (16%)
- Green (0%)
- Blue (57%)



- Red (16%)
- Yellow (0%)
- Blue (57%)



- Cyan (71%)
- Magenta (100%)
- Yellow (0%)
- Black (43%)



- Cyan (84%)
- Magenta (100%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9266, 40.1104, -89.2077 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 15.9266, 40.1104, -89.2077 by changing the saturation by 10% instead.

■ 15.9266, 40.1104,
-89.2077

■ 15.9266, 40.1104,
-89.2077

■ 110.6333, 55.4754,
-83.9783

■ 9.4602, 38.6588,
-101.8618

■ 31.8357, 44.0439,
-81.6718

0.0000, INF, -NF

0.0000, NaN, -NF

■ 41.0616, 45.9859,
-80.8069

0.0000, NaN, -NF

■ 51.0385, 47.8310,
-80.7000

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.7137, 49.5679,
-81.0230


0.0000, NaN, NaN


■ 73.0442, 51.1963,
-81.5976


0.0000, NaN, NaN


■ 84.9939, 52.7201,


-82.3202


 97.5325, 54.1445,
-83.1272


 15.9266, 40.1104,
-89.2077


 15.9266, 40.1104,
-89.2077


 15.9271, 40.1108,
-89.2049

 17.6359, 37.0181,
-78.5437

 19.9170, 33.0336,
-66.8931

 22.8504, 28.2345,
-54.9325

 26.3035, 23.2502,
-43.7672

 30.1621, 18.3866,
-33.7502

■ 34.3395, 13.7453,
-24.8515

■ 38.7729, 9.3334,
-16.9083

■ 43.4168, 5.1226,
-9.7389

■ 48.2380, 1.0765,
-3.1827

Harmonies

Analogous

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



15.9271, 6.5869, -137.2673



15.9266, 40.1104, -89.2077



15.9271, 70.6736, -26.0127

Triad

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



15.9271, 40.1108, -89.2049



15.9271, 20.4572, 11.1489



15.9271, -27.8724, -7.1137

Complementary

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



15.9266, 40.1104, -89.2077



48.0978, -25.8380, 29.1853

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.



15.9271, -27.8724, 11.1489



15.9266, 40.1104, -89.2077



15.9271, -7.1327, 11.1489

Square

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



15.9271, 40.1108, -89.2049



15.9271, 55.3323, 11.1489



15.9271, -21.0195, 11.1489



15.9271, -24.8280, -59.3963

Rectangle

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



15.9266, 40.1104, -89.2077



15.9271, 78.6834, -0.4607



15.9271, -21.0195, 11.1489



15.9271, -27.8724, 2.0893

Sweetspot

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



15.9271, 40.1108, -89.2049



51.5070, 12.8511, -23.2592



34.5372, -8.4841, -24.8539



23.2314, 7.0918, -12.7978



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



15.9271, 40.1108, -89.2049



21.1280, 53.5101, -120.6688



23.6514, 49.1471, -51.7190



23.0780, 0.3538, -1.2618



14.7913, 37.1851, -82.3369



1.7625, 3.9696, -6.2341

Inverse Universe

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



26.4554, 49.0067, -11.5947



35.3591, 65.4239, -14.9061



45.3306, -37.1825, 27.2816



23.4196, 1.3975, 0.0648



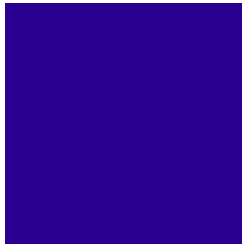
24.5109, 45.4208, -10.8684



2.4753, 4.7202, -2.1295

Previews

White Background



This preview shows how the HunterLab color 15.9266, 40.1104, -89.2077 looks on a white background.

Color Contrast Check

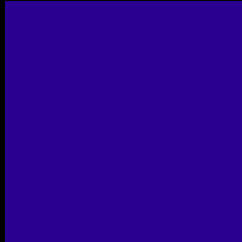
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9266, 40.1104, -89.2077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

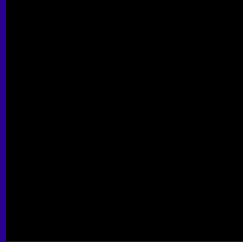
Any Text WCAG AA × Fail

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 15.9266, 40.1104, -89.2077 Background



This preview shows how black text looks on a background with the HunterLab color 15.9266, 40.1104, -89.2077.



This preview shows how white text looks on a background with the HunterLab color 15.9266, 40.1104, -89.2077.

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

15.9266, 40.1104, -89.2077

Protanopia

16.7841, 3.9652, -29.5384

Deuteranopia

16.7506, -1.3800, -17.9577



Tritanopia

16.8277, -8.3724, -2.9596

Trichromacy



Original Color

15.9266, 40.1104, -89.2077

Protanomaly

14.8162, 18.3302, -54.2549

Deuteranomaly

14.4964, 14.4873, -45.4748

Tritanomaly

13.9649, 7.9060, -30.4544

Monochromacy



Original Color

15.9266, 40.1104, -89.2077

Achromatopsia

11.0844, -0.5914, 0.6022

Achromatomaly

11.0798, 13.0457, -24.8438

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9266, 40.1104, -89.2077 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(42, 0, 145)` looks like.

```
.text, #text, p{  
    color:rgb(42, 0, 145)  
}
```

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(42, 0, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 0, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9266, 40.1104, -89.2077 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(42, 0, 145) }
```


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

```
.border{ border-color:rgb(42, 0, 145) }
```

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

Here you see how a box with a 4 pixel rgb(42, 0, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 0, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 0, 145);  
box-shadow:4px 4px 4px 4px rgb(42, 0, 145)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.9266, 40.1104, -89.2077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 0, 145) }
```

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

```
.background{ background-color: rgb(42, 0,  
145) }
```

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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