

Converting Colors

HunterLab(15.8009, 39.8867,
-89.2242)

Have a look what the booklet for
HunterLab(15.8009, 39.8867,
-89.2242) contains.

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Color

**HunterLab(15.7640, 39.7694,
-88.8289)**

Conversions

Conversions Part 1

Format	Color
Hex	290090
RGB	41, 0, 144
RGB Percent	16%, 0%, 56%
CMY	0.8392, 1.0000, 0.4353
CMYK	0.72, 1.00, 0.00, 0.44
HSL	257°, 100%, 28%
HSV	257°, 100%, 56%
XYZ	5.9485, 2.4850, 26.5517
YIQ	28.6750, -21.7880, 53.4760

Conversions

Conversions Part 2

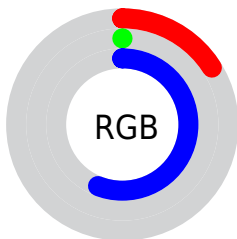
Format	Color
R_{YB}	41, 0, 144
Decimal	2687120
CIE _{Lab}	17.85, 52.61, -66.59
CIE _{LCh}	18, 84.860, 308.310
Yxy	2.4852, 0.1700, 0.0710
Android (android.graphics.Color)	4280877200 (0xFF290090)
YUV	28.6750, 56.8552, 10.8090
Hunter-Lab	15.7640, 39.7694, -88.8289

Details

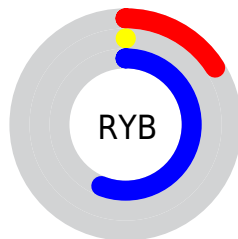
The HunterLab color **15.7640, 39.7694, -88.8289** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **47.7806, -25.4636, 28.9964**, and the grayscale version is **10.8197, -0.5773, 0.5879**.

A 20% lighter version of the original color is **31.7065, 43.5840, -80.7389**, and **8.7904, 23.8439, -62.4593** is the 20% darker color. If you saturate the color by 10%, you get **15.7644, 39.7699, -88.8263**, and if you desaturate by 10%, it is **17.4652, 36.6572, -78.1688**.

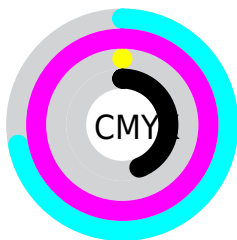
Distribution



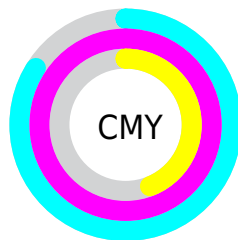
- Red (16%)
- Green (0%)
- Blue (56%)



- Red (16%)
- Yellow (0%)
- Blue (56%)



- Cyan (72%)
- Magenta (100%)
- Yellow (0%)
- Black (44%)



- Cyan (84%)
- Magenta (100%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.7640, 39.7694, -88.8289 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 15.7640, 39.7694, -88.8289 by changing the saturation by 10% instead.

■ 15.7640, 39.7694,
-88.8289

■ 15.7640, 39.7694,
-88.8289

■ 110.3226, 55.0731,
-83.5562

■ 9.3231, 38.3334,
-101.6324

■ 31.6307, 43.6915,
-81.2507

0.0000, INF, -NF

0.0000, NaN, -NF

■ 40.8384, 45.6273,
-80.3845

0.0000, NaN, -NF

■ 50.7985, 47.4657,
-80.2782

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.4580, 49.1955,
-80.6020


0.0000, NaN, NaN


■ 72.7737, 50.8166,
-81.1771


0.0000, NaN, NaN


■ 84.7094, 52.3329,


-81.8997


 97.2346, 53.7498,
-82.7062

 15.7640, 39.7694,
-88.8289


 15.7640, 39.7694,
-88.8289


 15.7644, 39.7699,
-88.8263

 17.4652, 36.6572,
-78.1688

 19.7332, 32.6804,
-66.5462

 22.6495, 27.9079,
-54.6250

 26.0817, 22.9632,
-43.5075

 29.9160, 18.1466,
-33.5414

■ 34.0664, 13.5561,
-24.6934

■ 38.4704, 9.1965,
-16.7989

■ 43.0830, 5.0385,
-9.6757

■ 47.8712, 1.0453,
-3.1632

Harmonies

Analogous

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



15.7644, 6.4855, -136.5686



15.7640, 39.7694, -88.8289



15.7644, 70.1731, -25.9431

Triad

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



15.7644, 39.7699, -88.8263



15.7644, 20.3771, 11.0351



15.7644, -27.5878, -7.0007

Complementary

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



15.7640, 39.7694, -88.8289



47.7806, -25.4636, 28.9964

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.



15.7644, -27.5878, 11.0351



15.7640, 39.7694, -88.8289



15.7644, -7.0356, 11.0351

Square

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



15.7644, 39.7699, -88.8263



15.7644, 55.0264, 11.0351



15.7644, -20.8601, 11.0351



15.7644, -24.7245, -58.9173

Rectangle

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



15.7640, 39.7694, -88.8289



15.7644, 78.1736, -0.5078



15.7644, -20.8601, 11.0351



15.7644, -27.5878, 2.1118

Sweetspot

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



15.7644, 39.7699, -88.8263



50.7229, 12.5616, -22.9232



34.2841, -8.4308, -24.6526



23.2180, 7.0499, -12.8226



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.



15.7644, 39.7699, -88.8263



20.7574, 52.6570, -119.2157



23.4757, 48.7801, -51.3197



23.0754, 0.3447, -1.2654



14.7474, 37.1453, -82.6385



1.7556, 3.9614, -6.2677

Inverse Universe

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



26.2840, 48.7373, -11.8928



34.8644, 64.5746, -15.2096



44.9900, -36.8971, 27.0767



23.4205, 1.4025, 0.0514



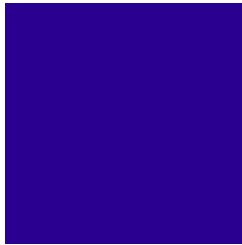
24.5360, 45.5106, -11.2144



2.4770, 4.7260, -2.1518

Previews

White Background



This preview shows how the HunterLab color 15.7640, 39.7694, -88.8289 looks on a white background.

Color Contrast Check

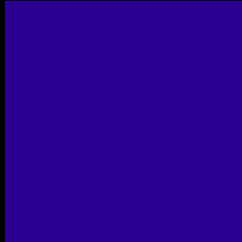
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7640, 39.7694, -88.8289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

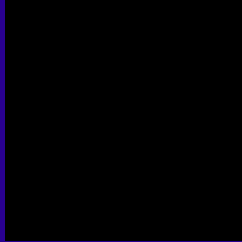
Any Text WCAG AA × Fail

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 15.7640, 39.7694, -88.8289 Background



This preview shows how black text looks on a background with the HunterLab color 15.7640, 39.7694, -88.8289.



This preview shows how white text looks on a background with the HunterLab color 15.7640, 39.7694, -88.8289.

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

15.7640, 39.7694, -88.8289

Protanopia

16.7288, 3.6777, -28.8486

Deuteranopia

16.7054, -1.6292, -17.3634



Tritanopia

16.5282, -8.2151, -2.9249

Trichromacy



Original Color

15.7640, 39.7694, -88.8289

Protanomaly

14.7395, 18.0087, -53.4451

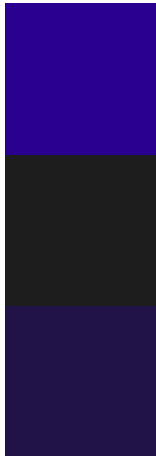
Deuteranomaly

14.4257, 14.1738, -44.6906

Tritanomaly

13.7018, 8.0846, -30.4328

Monochromacy



Original Color

15.7640, 39.7694, -88.8289

Achromatopsia

11.0844, -0.5914, 0.6022

Achromatomaly

11.0040, 12.8749, -25.1134

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.7640, 39.7694, -88.8289 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(41, 0, 144)` looks like.

```
.text, #text, p{  
    color:rgb(41, 0, 144)  
}
```

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(41, 0, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 0, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 15.7640, 39.7694, -88.8289 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(41, 0, 144) }
```


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

```
.border{ border-color:rgb(41, 0, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 0, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 0, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 0, 144);  
box-shadow:4px 4px 4px 4px rgb(41, 0, 144)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.7640, 39.7694, -88.8289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 0, 144) }
```

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

```
.background{ background-color: rgb(41, 0,  
144) }
```

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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