

Converting Colors

HunterLab(15.0616, 38.3644,
-87.7158)

Have a look what the booklet for
HunterLab(15.0616, 38.3644,
-87.7158) contains.

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Color

**HunterLab(15.0616, 38.3644,
-87.7158)**

Conversions

Conversions Part 1

Format	Color
Hex	24008C
RGB	36, 0, 140
RGB Percent	14%, 0%, 55%
CMY	0.8588, 1.0000, 0.4510
CMYK	0.74, 1.00, 0.00, 0.45
HSL	255°, 100%, 27%
HSV	255°, 100%, 55%
XYZ	5.4612, 2.2685, 24.9610
YIQ	26.7240, -23.4840, 51.1720

Conversions

Conversions Part 2

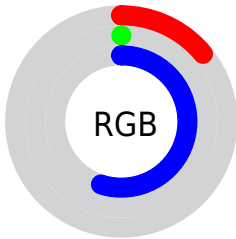
Format	Color
RYB	36, 0, 140
Decimal	2359436
CIELab	16.84, 51.40, -65.79
CIELCh	17, 83.484, 307.999
Yxy	2.2686, 0.1671, 0.0694
Android (android.graphics.Color)	4280549516 (0xFF24008C)
YUV	26.7240, 55.8451, 8.1351
Hunter-Lab	15.0616, 38.3644, -87.7158

Details

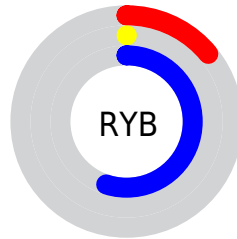
The HunterLab color **15.0616, 38.3644, -87.7158** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **46.5821, -23.7089, 28.2886**, and the grayscale version is **10.2252, -0.5456, 0.5556**.

A 20% lighter version of the original color is **30.6298, 42.3914, -80.3236**, and **8.3939, 22.7685, -59.6424** is the 20% darker color. If you saturate the color by 10%, you get **15.0620, 38.3649, -87.7131**, and if you desaturate by 10%, it is **16.7268, 35.1390, -77.0234**.

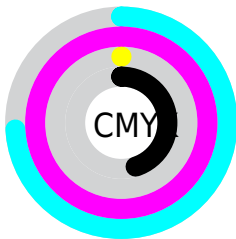
Distribution



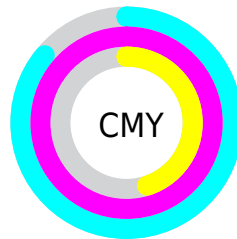
- Red (14%)
- Green (0%)
- Blue (55%)



- Red (14%)
- Yellow (0%)
- Blue (55%)



- Cyan (74%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (86%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.0616, 38.3644, -87.7158 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 15.0616, 38.3644, -87.7158 by changing the saturation by 10% instead.

■ 15.0616, 38.3644,
-87.7158

■ 15.0616, 38.3644,
-87.7158

■ 108.9717, 53.4155,
-82.0955

■ 8.7008, 37.2514,
-101.7753

■ 30.7423, 42.2377,
-79.8434

0.0000, INF, -NF

0.0000, NaN, -NF

■ 39.8703, 44.1481,
-78.9504

0.0000, NaN, -NF

■ 49.7568, 45.9591,
-78.8338

0.0000, NaN, -NF

■ 60.3475, 47.6601,
-79.1534

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 71.5985, 49.2513,
-79.7260


0.0000, NaN, NaN


■ 83.4728, 50.7371,


0.0000, NaN, NaN


-80.4461


 95.9396, 52.1231,
-81.2494


 15.0616, 38.3644,
-87.7158


 15.0616, 38.3644,
-87.7158


 15.0620, 38.3649,
-87.7131

 16.7268, 35.1390,
-77.0234

 18.9423, 31.1668,
-65.4414

 21.7943, 26.4840,
-53.6035

 25.1492, 21.6942,
-42.6160

 28.8941, 17.0733,
-32.8084

■ 32.9443, 12.7009,
-24.1301

■ 37.2391, 8.5709,
-16.4061

■ 41.7349, 4.6480,
-9.4491

■ 46.3999, 0.8923,
-3.0966

Harmonies

Analogous

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



15.0620, 6.0186, -134.2416



15.0616, 38.3644, -87.7158



15.0620, 68.2245, -25.8328

Triad

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



15.0620, 38.3649, -87.7131



15.0620, 20.1524, 10.5434



15.0620, -26.3586, -6.4783

Complementary

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



15.0616, 38.3644, -87.7158



46.5821, -23.7089, 28.2886

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.



15.0620, -26.3586, 10.5434



15.0616, 38.3644, -87.7158



15.0620, -6.5946, 10.5434

Square

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



15.0620, 38.3649, -87.7131



15.0620, 53.9528, 10.5434



15.0620, -20.2307, 10.5434



15.0620, -24.3936, -56.9749

Rectangle

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



15.0616, 38.3644, -87.7158



15.0620, 76.2541, -0.7603



15.0620, -20.2307, 10.5434



15.0620, -26.3586, 2.2454

Sweetspot

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



15.0620, 38.3649, -87.7131



49.0769, 11.7185, -22.3999



34.6362, -10.1844, -21.3070



22.5254, 6.5922, -12.5351



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.



15.0620, 38.3649, -87.7131



19.8300, 50.7933, -117.6794



22.1285, 46.4522, -52.0286



22.2495, 0.2737, -1.2235



14.2277, 36.1899, -82.4690



1.4015, 3.1975, -5.2763

Inverse Universe

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



25.6414, 47.8089, -13.6420



34.0068, 63.3389, -17.5694



43.7191, -35.3886, 26.3199



22.5995, 1.3633, -0.0145



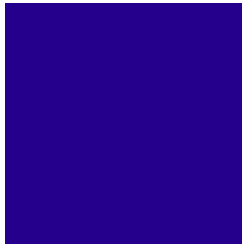
24.1770, 45.0902, -12.9524



2.0301, 3.8855, -1.8582

Previews

White Background



This preview shows how the HunterLab color 15.0616, 38.3644, -87.7158 looks on a white background.

Color Contrast Check

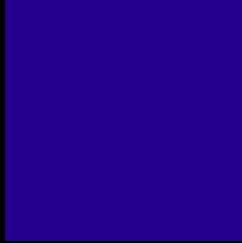
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0616, 38.3644, -87.7158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

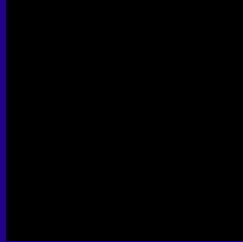
Any Text WCAG AA × Fail

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 15.0616, 38.3644, -87.7158 Background



This preview shows how black text looks on a background with the HunterLab color 15.0616, 38.3644, -87.7158.



This preview shows how white text looks on a background with the HunterLab color 15.0616, 38.3644, -87.7158.

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

15.0616, 38.3644, -87.7158

Protanopia

16.0439, 3.4362, -27.4712

Deuteranopia

16.0720, -1.5635, -16.7134



Tritanopia

15.9319, -7.9018, -2.8557

Trichromacy



Original Color

15.0616, 38.3644, -87.7158

Protanomaly

14.2134, 17.0918, -51.2947

Deuteranomaly

13.9775, 13.5856, -43.3743

Tritanomaly

13.3209, 7.8056, -29.9075

Monochromacy



Original Color

15.0616, 38.3644, -87.7158

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.4607, 12.0546, -24.3397

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.0616, 38.3644, -87.7158 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(36, 0, 140)` looks like.

```
.text, #text, p{  
    color:rgb(36, 0, 140)  
}
```

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(36, 0, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 0, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 15.0616, 38.3644, -87.7158 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(36, 0, 140) }
```


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

```
.border{ border-color:rgb(36, 0, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 0, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 0, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 0, 140);  
box-shadow:4px 4px 4px 4px rgb(36, 0, 140)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.0616, 38.3644, -87.7158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 0, 140) }
```

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

```
.background{ background-color: rgb(36, 0,  
140) }
```

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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