

Converting Colors

HunterLab(15.0682, 34.6831,
-90.8036)

Have a look what the booklet for
HunterLab(15.0682, 34.6831,
-90.8036) contains.

HunterLab(15.0682, 34.6831, -90.8036)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(15.0682, 34.6831,
-90.8036)**

Conversions

Conversions Part 1

Format	Color
Hex	0C0B8E
RGB	12, 11, 142
RGB Percent	5%, 4%, 56%
CMY	0.9529, 0.9569, 0.4431
CMYK	0.92, 0.92, 0.00, 0.44
HSL	240°, 86%, 30%
HSV	240°, 92%, 56%
XYZ	5.1538, 2.2705, 25.7578
YIQ	26.2330, -41.4550, 40.9530

Conversions

Conversions Part 2

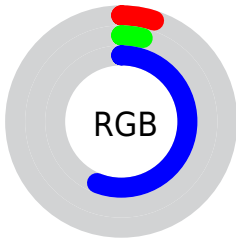
Format	Color
R_{YB}	12, 11, 142
Decimal	789390
CIE _{Lab}	16.85, 47.67, -67.06
CIE _{LCh}	17, 82.276, 305.406
Yxy	2.2705, 0.1553, 0.0684
Android (android.graphics.Color)	4278979470 (0xFF0C0B8E)
YUV	26.2330, 57.0731, -12.4823
Hunter-Lab	15.0682, 34.6831, -90.8036

Details

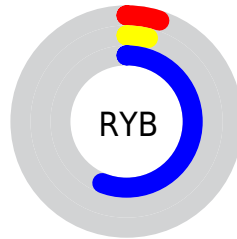
The HunterLab color **15.0682, 34.6831, -90.8036** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **50.0309, -13.6511, 30.2148**, and the grayscale version is **10.0759, -0.5376, 0.5474**.

A 20% lighter version of the original color is **30.7190, 38.6924, -82.3466**, and **8.5918, 23.3052, -61.0482** is the 20% darker color. If you saturate the color by 10%, you get **14.0006, 37.9255, -99.0835**, and if you desaturate by 10%, it is **16.9636, 29.9036, -78.4688**.

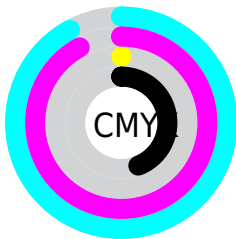
Distribution



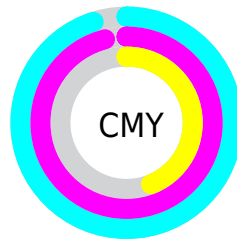
- Red (5%)
- Green (4%)
- Blue (56%)



- Red (5%)
- Yellow (4%)
- Blue (56%)



- Cyan (92%)
- Magenta (92%)
- Yellow (0%)
- Black (44%)



- Cyan (95%)
- Magenta (96%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.0682, 34.6831, -90.8036 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 15.0682, 34.6831, -90.8036 by changing the saturation by 10% instead.

■ 15.0682, 34.6831,
-90.8036

■ 15.0682, 34.6831,
-90.8036

■ 108.9836, 48.7448,
-84.2860

■ 8.7065, 33.4265,
-105.7129

■ 30.7501, 38.4415,
-82.3303

0.0000, INF, -NF

0.0000, NaN, -NF

■ 39.8788, 40.2402,
-81.3116

0.0000, NaN, -NF

■ 49.7660, 41.9283,
-81.1181

0.0000, NaN, -NF

■ 60.3573, 43.5016,
-81.3905

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 71.6088, 44.9636,
-81.9353


0.0000, NaN, NaN


■ 83.4838, 46.3204,


0.0000, NaN, NaN


-82.6407


 95.9510, 47.5786,
-83.4387


 15.0682, 34.6831,
-90.8036


 15.0682, 34.6831,
-90.8036


 14.0006, 37.9255,
-99.0835

 16.9636, 29.9036,
-78.4688

 19.7107, 24.4042,
-64.4060

 23.1212, 19.1342,
-51.0419

 27.0275, 14.4351,
-39.2326

 31.3072, 10.3213,
-28.9931

■ 35.8763, 6.6999,
-20.0686

■ 40.6773, 3.4649,
-12.1753

■ 45.6700, 0.5258,
-5.0725

■ 50.8254, -2.1878,
1.4267

Harmonies

Analogous

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



15.0682, 3.6282, -131.8639



15.0682, 34.6831, -90.8036



15.0682, 64.9045, -29.6428

Triad

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



15.0682, 34.6855, -90.8039



15.0682, 22.5911, 10.5477



15.0682, -26.3694, -3.7458

Complementary

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



15.0682, 34.6831, -90.8036



50.0309, -13.6511, 30.2148

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.



15.0682, -26.3694, 10.5477



15.0682, 34.6831, -90.8036



15.0682, -4.7781, 10.5477

Square

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



15.0682, 34.6855, -90.8039



15.0682, 55.4429, 10.5477



15.0682, -19.1544, 10.5477



15.0682, -24.7623, -50.2181

Rectangle

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



15.0682, 34.6831, -90.8036



15.0682, 74.3213, -2.9858



15.0682, -19.1544, 10.5477



15.0682, -26.3694, 3.8360

Sweetspot

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



15.0682, 34.6855, -90.8039



49.9521, 7.2653, -22.6565



46.2279, -24.1629, -4.7599



22.4714, 4.2367, -12.6732



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.



15.0682, 34.6855, -90.8039



18.5828, 50.3560, -131.6522



19.3627, 40.0703, -65.7296



22.9279, -0.1599, -1.4647



13.2677, 35.9372, -93.8742



1.3096, 3.5228, -9.0769

Inverse Universe

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



28.1290, 52.8201, -34.8375



36.7767, 72.1829, -47.5664



45.7463, -30.2920, 27.2482



23.4741, 1.6896, -0.7092



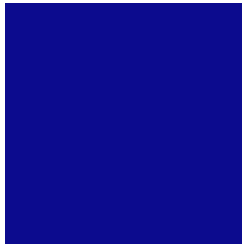
26.2434, 51.5111, -33.9596



2.5690, 5.0470, -3.3589

Previews

White Background



This preview shows how the HunterLab color 15.0682, 34.6831, -90.8036 looks on a white background.

Color Contrast Check

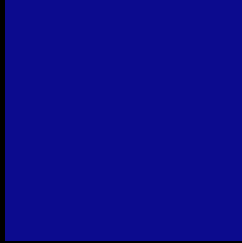
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0682, 34.6831, -90.8036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

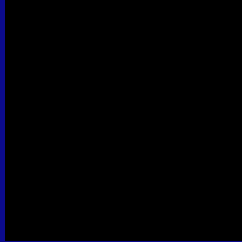
Any Text WCAG AA × Fail

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 15.0682, 34.6831, -90.8036 Background



This preview shows how black text looks on a background with the HunterLab color 15.0682, 34.6831, -90.8036.



This preview shows how white text looks on a background with the HunterLab color 15.0682, 34.6831, -90.8036.

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

15.0682, 34.6831, -90.8036

Protanopia

15.4182, 3.4796, -26.7827

Deuteranopia

15.4427, -1.4983, -16.0676



Tritanopia

15.6065, -7.9151, -2.4204

Trichromacy



Original Color

15.0682, 34.6831, -90.8036

Protanomaly

14.4516, 14.8131, -49.0415

Deuteranomaly

14.1929, 10.9566, -40.3748

Tritanomaly

13.6674, 5.4852, -27.8678

Monochromacy



Original Color

15.0682, 34.6831, -90.8036

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

10.5504, 8.9589, -24.0752

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.0682, 34.6831, -90.8036 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(12, 11, 142)` looks like.

```
.text, #text, p{  
    color:rgb(12, 11, 142)  
}
```

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(12, 11, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 11, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 15.0682, 34.6831, -90.8036 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(12, 11, 142) }
```


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

```
.border{ border-color:rgb(12, 11, 142) }
```

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

Here you see how a box with a 4 pixel rgb(12, 11, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 11, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 11, 142);  
box-shadow:4px 4px 4px 4px rgb(12, 11,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.0682, 34.6831, -90.8036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 11, 142) }
```

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

```
.background{ background-color: rgb(12, 11,  
142) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor