

Converting Colors

HunterLab(11.2294, -0.3904,
-68.8132)

Have a look what the booklet for
HunterLab(11.2294, -0.3904,
-68.8132) contains.

HunterLab(15.3814, 12.4370, -46.0734)	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(15.3814, 12.4370,
-46.0734)**

Conversions

Conversions Part 1

Format	Color
Hex	00246D
RGB	0, 36, 109
RGB Percent	0%, 14%, 43%
CMY	1.0000, 0.8588, 0.5725
CMYK	1.00, 0.67, 0.00, 0.57
HSL	220°, 100%, 21%
HSV	220°, 100%, 43%
XYZ	3.3912, 2.3659, 14.7459
YIQ	33.5580, -44.8890, 15.0710

Conversions

Conversions Part 2

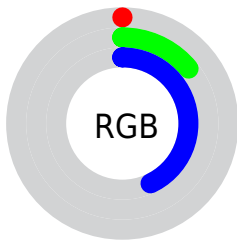
Format	Color
RYB	0, 27, 109
Decimal	9325
CIELab	17.30, 21.07, -45.29
CIElCh	17, 49.952, 294.946
Yxy	2.3659, 0.1654, 0.1154
Android (android.graphics.Color)	4278199405 (0xFF00246D)
YUV	33.5580, 37.1929, -29.4304
Hunter-Lab	15.3814, 12.4370, -46.0734

Details

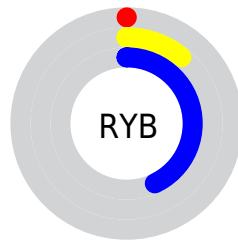
The HunterLab color **15.3814, 12.4370, -46.0734** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **28.3159, 5.2283, 17.5390**, and the grayscale version is **12.4057, -0.6619, 0.6740**.

A 20% lighter version of the original color is **31.1260, 14.1986, -44.7996**, and **5.7118, 15.4932, -40.5846** is the 20% darker color. If you saturate the color by 10%, you get **15.3798, 12.4412, -46.0803**, and if you desaturate by 10%, it is **17.1007, 9.4465, -39.4596**.

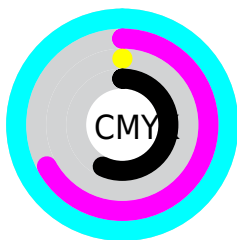
Distribution



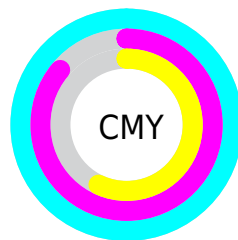
- Red (0%)
- Green (14%)
- Blue (43%)



- Red (0%)
- Yellow (11%)
- Blue (43%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (57%)



- Cyan (100%)
- Magenta (86%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.3814, 12.4370, -46.0734 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 15.3814, 12.4370, -46.0734 by changing the saturation by 10% instead.

■ 15.3814, 12.4370,
-46.0734

■ 15.3814, 12.4370,
-46.0734

■ 109.5880, 17.1452,
-49.5699

■ 8.9904, 11.3469,
-49.7407

■ 31.1470, 14.2474,
-45.0934

0.0000, INF, -NF

0.0000, NaN, -NF

■ 40.3115, 14.9439,
-45.5093

0.0000, NaN, -NF

■ 50.2318, 15.5268,
-46.1166

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.8539, 16.0104,
-46.8061

0.0000, NaN, NaN

■ 72.1345, 16.4057,
-47.5211

0.0000, NaN, NaN

■ 84.0369, 16.7220,

0.0000, NaN, NaN

-48.2306

96.5304, 16.9665,
-48.9169

15.3814, 12.4370,
-46.0734

15.3814, 12.4370,
-46.0734

15.3798, 12.4412,
-46.0803

17.1007, 9.4465,
-39.4596

18.9882, 6.7564,
-33.3573

21.0688, 4.5287,
-27.6529

23.3130, 2.7257,
-22.3823

25.6958, 1.2923,
-17.5271

■ 28.1971, 0.1718,
-13.0440

■ 30.8008, -0.6867,
-8.8830

■ 33.4939, -1.3266,
-4.9954

■ 36.2660, -1.7836,
-1.3376

Harmonies

Analogous

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



15.3815, -3.1490, -53.8145



15.3814, 12.4370, -46.0734



15.3815, 28.4377, -22.7252

Triad

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



15.3815, 12.4380, -46.0730



15.3815, 18.1624, 10.7671



15.3815, -19.8875, 2.9500

Complementary

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



15.3814, 12.4370, -46.0734



28.3159, 5.2283, 17.5390

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.



15.3815, -17.3756, 10.4600



15.3814, 12.4370, -46.0734



15.3815, 1.6531, 10.7671

Square

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



15.3815, 12.4380, -46.0730



15.3815, 32.4957, 8.4058



15.3815, -10.7081, 10.7671



15.3815, -18.6223, -14.5947

Rectangle

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



15.3814, 12.4370, -46.0734



15.3815, 35.3198, -7.5300



15.3815, -10.7081, 10.7671



15.3815, -19.4568, 6.1623

Sweetspot

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



15.3815, 12.4380, -46.0730



40.9178, -0.8342, -12.3409



33.7847, -23.9328, 9.4373



19.2076, -0.2415, -6.7781



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



15.3815, 12.4380, -46.0730



20.0558, 17.9954, -63.9149



11.1116, 28.9597, -69.8456



17.8138, -0.8878, -0.4711



16.5074, 13.7740, -50.3670



35.2710, 36.3592, -122.5748

Inverse Universe

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



18.3816, 32.1685, 6.5064



24.5525, 42.8879, 9.3467



36.2672, -15.3970, 22.0776



17.6967, 0.6740, 0.8203



19.8682, 34.7532, 7.1922



44.6857, 77.8494, 18.6128

Previews

White Background



This preview shows how the HunterLab color 15.3814, 12.4370, -46.0734 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 15.3814, 12.4370, -46.0734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

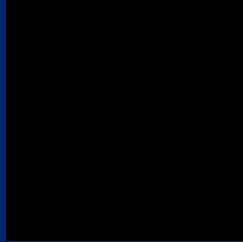
Any Text WCAG AA × Fail

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 15.3814, 12.4370, -46.0734 Background



This preview shows how black text looks on a background with the HunterLab color 15.3814, 12.4370, -46.0734.



This preview shows how white text looks on a background with the HunterLab color 15.3814, 12.4370, -46.0734.

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

15.3814, 12.4370, -46.0734

Protanopia

15.4182, 3.4796, -26.7827

Deuteranopia

15.4873, -1.2523, -16.6545



Tritanopia

15.6065, -7.9151, -2.4204

Trichromacy



Original Color

15.3814, 12.4370, -46.0734

Protanomaly

15.3692, 6.4379, -33.1077

Deuteranomaly

15.3639, 3.1972, -26.1054

Tritanomaly

15.0640, -1.8292, -14.8800

Monochromacy



Original Color

15.3814, 12.4370, -46.0734

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

13.0750, 1.3403, -11.9395

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.3814, 12.4370, -46.0734 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(0, 36, 109)` looks like.

```
.text, #text, p{  
    color:rgb(0, 36, 109)  
}
```

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(0, 36, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 36, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 15.3814, 12.4370, -46.0734 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(0, 36, 109) }
```


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

```
.border{ border-color:rgb(0, 36, 109) }
```

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

Here you see how a box with a 4 pixel rgb(0, 36, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 36, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 36, 109);  
box-shadow:4px 4px 4px 4px rgb(0, 36, 109)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.3814, 12.4370, -46.0734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 36, 109) }
```

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

```
.background{ background-color: rgb(0, 36,  
109) }
```

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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