

Converting Colors

HunterLab(12.9896, 15.2267,
-49.1059)

Have a look what the booklet for
HunterLab(12.9896, 15.2267,
-49.1059) contains.

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Color

**HunterLab(13.0311, 15.1070,
-48.8995)**

Conversions

Conversions Part 1

Format	Color
Hex	001A66
RGB	0, 26, 102
RGB Percent	0%, 10%, 40%
CMY	1.0000, 0.8980, 0.6000
CMYK	1.00, 0.75, 0.00, 0.60
HSL	225°, 100%, 20%
HSV	225°, 100%, 40%
XYZ	2.7677, 1.6981, 12.7523
YIQ	26.8900, -39.8920, 18.1240

Conversions

Conversions Part 2

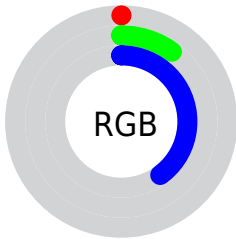
Format	Color
RYB	0, 21, 102
Decimal	6758
CIELab	13.82, 25.31, -46.45
CIELCh	14, 52.895, 298.588
Yxy	1.6981, 0.1607, 0.0986
Android (android.graphics.Color)	4278196838 (0xFF001A66)
YUV	26.8900, 37.0292, -23.5825
Hunter-Lab	13.0311, 15.1070, -48.8995

Details

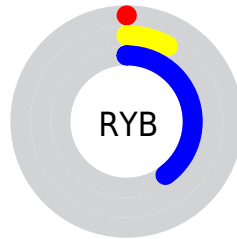
The HunterLab color **13.0311, 15.1070, -48.8995** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **28.2758, 1.4287, 17.4478**, and the grayscale version is **10.3352, -0.5515, 0.5615**.

A 20% lighter version of the original color is **28.0917, 17.4737, -46.9087**, and **6.1228, 10.2793, -29.8430** is the 20% darker color. If you saturate the color by 10%, you get **13.0297, 15.1112, -48.9067**, and if you desaturate by 10%, it is **14.6510, 11.9681, -41.6330**.

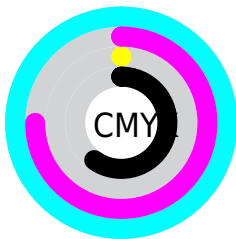
Distribution



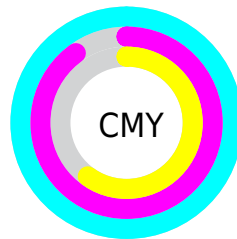
- Red (0%)
- Green (10%)
- Blue (40%)



- Red (0%)
- Yellow (8%)
- Blue (40%)



- Cyan (100%)
- Magenta (75%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (90%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.0311, 15.1070, -48.8995 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 13.0311, 15.1070, -48.8995 by changing the saturation by 10% instead.

■ 13.0311, 15.1070,
-48.8995

■ 13.0311, 15.1070,
-48.8995

■ 104.9747, 21.8832,
-51.0431

■ 6.4995, 16.9731,
-60.4869

■ 28.1426, 17.4500,
-46.7534

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 37.0286, 18.3999,
-47.0101

0.0000, NaN, -NF

■ 46.6922, 19.2231,
-47.5457

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.0751, 19.9348,
-48.2092

0.0000, NaN, NaN

■ 68.1307, 20.5473,
-48.9240

0.0000, NaN, NaN

■ 79.8201, 21.0708,

0.0000, NaN, NaN

-49.6487

■ 92.1108, 21.5138,
-50.3596

■ 13.0311, 15.1070,
-48.8995

■ 13.0311, 15.1070,
-48.8995

■ 13.0297, 15.1112,
-48.9067

■ 14.6510, 11.9681,
-41.6330

■ 16.4686, 9.0622,
-34.9491

■ 18.5058, 6.5995,
-28.7550

■ 20.7228, 4.5548,
-23.1162

■ 23.0879, 2.8728,
-18.0039

■ 25.5769, 1.4937,
-13.3530

■ 28.1710, 0.3634,
-9.0911

■ 30.8556, -0.5634,
-5.1512

■ 33.6196, -1.3233,
-1.4755

Harmonies

Analogous

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



13.0312, -1.3617, -61.1110



13.0311, 15.1070, -48.8995



13.0312, 31.7434, -21.3803

Triad

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



13.0312, 15.1081, -48.8993



13.0312, 16.8016, 9.1218



13.0312, -20.5735, 1.3330

Complementary

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



13.0311, 15.1070, -48.8995



28.2758, 1.4287, 17.4478

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.



13.0312, -17.9866, 9.1218



13.0311, 15.1070, -48.8995



13.0312, -0.0166, 9.1218

Square

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



13.0312, 15.1081, -48.8993



13.0312, 32.9806, 9.1218



13.0312, -11.3550, 9.1218



13.0312, -18.4224, -18.8391

Rectangle

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



13.0311, 15.1070, -48.8995



13.0312, 38.3102, -5.5457



13.0312, -11.3550, 9.1218



13.0312, -20.2292, 4.8737

Sweetspot

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



13.0312, 15.1081, -48.8993



37.0028, 0.6000, -12.5126



31.6356, -21.4248, 6.7094



17.4771, 0.4938, -6.8653



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



13.0312, 15.1081, -48.8993



16.7763, 21.4161, -67.2003



10.7302, 27.3107, -62.3683



16.9309, -0.6968, -0.5472



14.5692, 17.6968, -56.4126



31.3716, 46.2229, -138.9939

Inverse Universe

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



17.0282, 29.5960, 7.6082



22.5129, 39.0617, 10.6125



33.3632, -16.0659, 20.2765



16.9022, 0.5770, 0.9173



19.2816, 33.4866, 8.8450



43.8935, 75.9545, 22.2729

Previews

White Background



This preview shows how the HunterLab color 13.0311, 15.1070, -48.8995 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 13.0311, 15.1070, -48.8995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

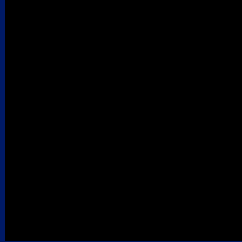
Any Text WCAG AA × Fail

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 13.0311, 15.1070, -48.8995 Background



This preview shows how black text looks on a background with the HunterLab color 13.0311, 15.1070, -48.8995.



This preview shows how white text looks on a background with the HunterLab color 13.0311, 15.1070, -48.8995.

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

13.0311, 15.1070, -48.8995

Protanopia

13.3032, 2.2250, -21.4310

Deuteranopia

13.2529, -1.3930, -13.5578



Tritanopia

13.2676, -6.6838, -2.1550

Trichromacy



Original Color

13.0311, 15.1070, -48.8995

Protanomaly

12.9958, 6.8734, -31.0812

Deuteranomaly

13.0158, 3.9260, -24.7438

Tritanomaly

12.7747, -0.6096, -14.6512

Monochromacy



Original Color

13.0311, 15.1070, -48.8995

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.8138, 2.3523, -12.4306

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.0311, 15.1070, -48.8995 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, 26, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 26, 102)  
}
```

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, 26, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 26, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 13.0311, 15.1070, -48.8995 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, 26, 102) }
```


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

```
.border{ border-color:rgb(0, 26, 102) }
```

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

Here you see how a box with a 4 pixel rgb(0, 26, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 26, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 26, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 26, 102)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.0311, 15.1070, -48.8995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 26, 102) }
```

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

```
.background{ background-color: rgb(0, 26,  
102) }
```

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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