

Converting Colors

HunterLab(13.8119, 13.1424,
-39.8616)

Have a look what the booklet for
HunterLab(13.8119, 13.1424,
-39.8616) contains.

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Color

**HunterLab(13.7122, 13.3068,
-40.2176)**

Conversions

Conversions Part 1

Format	Color
Hex	131D61
RGB	19, 29, 97
RGB Percent	7%, 11%, 38%
CMY	0.9255, 0.8863, 0.6196
CMYK	0.80, 0.70, 0.00, 0.62
HSL	232°, 67%, 23%
HSV	232°, 80%, 38%
XYZ	2.8656, 1.8802, 11.5211
YIQ	33.7620, -27.7880, 19.0280

Conversions

Conversions Part 2

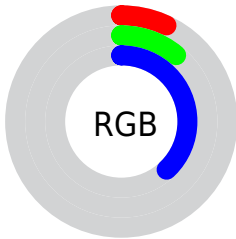
Format	Color
R_{YB}	19, 28, 97
Decimal	1252705
CIE _{Lab}	14.85, 22.66, -41.41
CIE _{LCh}	15, 47.210, 298.690
Yxy	1.8803, 0.1762, 0.1156
Android (android.graphics.Color)	4279442785 (0xFF131D61)
YUV	33.7620, 31.1763, -12.9463
Hunter-Lab	13.7122, 13.3068, -40.2176

Details

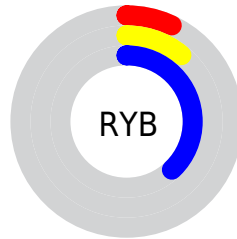
The HunterLab color **13.7122, 13.3068, -40.2176** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **30.6690, -4.4545, 17.6286**, and the grayscale version is **12.4840, -0.6661, 0.6783**.

A 20% lighter version of the original color is **29.0512, 14.9560, -39.0163**, and **5.5550, 9.4876, -27.4244** is the 20% darker color. If you saturate the color by 10%, you get **12.0116, 16.6364, -48.1306**, and if you desaturate by 10%, it is **15.7218, 10.3169, -32.7813**.

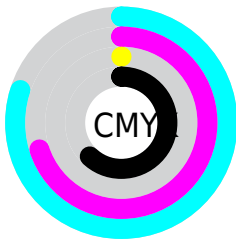
Distribution



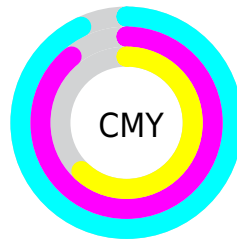
- Red (7%)
- Green (11%)
- Blue (38%)



- Red (7%)
- Yellow (11%)
- Blue (38%)



- Cyan (80%)
- Magenta (70%)
- Yellow (0%)
- Black (62%)



- Cyan (93%)
- Magenta (89%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.7122, 13.3068, -40.2176 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 13.7122, 13.3068, -40.2176 by changing the saturation by 10% instead.

■ 13.7122, 13.3068,
-40.2176

■ 13.7122, 13.3068,
-40.2176

■ 106.3314, 18.9078,
-43.8194

■ 7.3245, 13.5786,
-45.8697

■ 29.0201, 15.3582,
-39.4891

0.0000, INF, -NF

0.0000, NaN, -NF

■ 37.9893, 16.1653,
-39.9515

0.0000, NaN, NaN

■ 47.7294, 16.8517,
-40.5694

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.1837, 17.4324,
-41.2446

0.0000, NaN, NaN

■ 69.3062, 17.9194,
-41.9279

0.0000, NaN, NaN

■ 81.0590, 18.3226,

0.0000, NaN, NaN

-42.5931

93.4100, 18.6499,
-43.2262

13.7122, 13.3068,
-40.2176

13.7122, 13.3068,
-40.2176

12.0116, 16.6364,
-48.1306

15.7218, 10.3169,
-32.7813

10.6609, 19.7600,
-55.9812

17.9726, 7.7355,
-26.0983

20.4133, 5.5333,
-20.1723

23.0061, 3.6491,
-14.9056

25.7238, 2.0211,
-10.1802

■ 28.5466, 0.5967,
-5.8882

■ 31.4595, -0.6664,
-1.9405

■ 34.4513, -1.8010,
1.7341

■ 37.5131, -2.8325,
5.1913

Harmonies

Analogous

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



13.7123, -1.2945, -49.9242



13.7122, 13.3068, -40.2176



13.7123, 27.5127, -18.0248

Triad

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



13.7123, 13.3076, -40.2172



13.7123, 14.6684, 9.5986



13.7123, -18.6598, 1.2746

Complementary

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



13.7122, 13.3068, -40.2176



30.6690, -4.4545, 17.6286

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.



13.7123, -16.4789, 9.2773



13.7122, 13.3068, -40.2176



13.7123, -0.1611, 9.5986

Square

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



13.7123, 13.3076, -40.2172



13.7123, 28.4813, 8.7121



13.7123, -10.7165, 9.5986



13.7123, -16.8219, -16.0786

Rectangle

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



13.7122, 13.3068, -40.2176



13.7123, 33.0108, -4.7286



13.7123, -10.7165, 9.5986



13.7123, -18.3724, 4.6116

Sweetspot

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



13.7123, 13.3076, -40.2172



35.7728, 1.5527, -10.0591



30.6097, -17.1353, 1.2614



17.3639, 1.0083, -5.7179



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



13.7123, 13.3076, -40.2172



14.2304, 25.4936, -71.5526



13.9564, 21.5044, -39.0684



16.0067, -0.4252, -0.6832



12.2418, 23.7484, -66.5672



26.9045, 60.1727, -163.5239

Inverse Universe

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



17.5956, 23.8315, 7.3428



21.2521, 35.3267, 11.8193



31.3686, -16.1757, 17.8811



16.1090, 0.4549, 1.0818



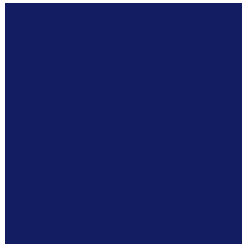
18.6832, 32.1708, 10.7143



43.0932, 74.0245, 26.0933

Previews

White Background



This preview shows how the HunterLab color 13.7122, 13.3068, -40.2176 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 13.7122, 13.3068, -40.2176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

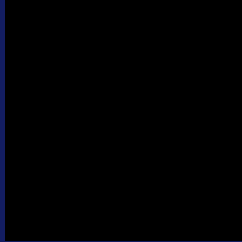
Any Text WCAG AA × Fail

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 13.7122, 13.3068, -40.2176 Background



This preview shows how black text looks on a background with the HunterLab color 13.7122, 13.3068, -40.2176.



This preview shows how white text looks on a background with the HunterLab color 13.7122, 13.3068, -40.2176.

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

13.7122, 13.3068, -40.2176

Protanopia

13.6344, 2.3384, -22.0897

Deuteranopia

13.5808, -1.3056, -14.1564



Tritanopia

13.5845, -6.6697, -2.5815

Trichromacy



Original Color

13.7122, 13.3068, -40.2176

Protanomaly

13.5252, 6.1558, -28.3260

Deuteranomaly

13.3531, 3.7445, -22.8815

Tritanomaly

13.1851, -0.4032, -13.6938

Monochromacy



Original Color

13.7122, 13.3068, -40.2176

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.6081, 2.8776, -10.3836

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.7122, 13.3068, -40.2176 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(19, 29, 97)` looks like.

```
.text, #text, p{  
    color:rgb(19, 29, 97)  
}
```

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(19, 29, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 29, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 13.7122, 13.3068, -40.2176 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(19, 29, 97) }
```


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

```
.border{ border-color:rgb(19, 29, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 29, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 29, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 29, 97);  
box-shadow:4px 4px 4px 4px rgb(19, 29, 97)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.7122, 13.3068, -40.2176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 29, 97) }
```

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

```
.background{ background-color: rgb(19, 29,  
97) }
```

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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