

Converting Colors

HunterLab(13.0295, -0.5552,
-11.3819)

Have a look what the booklet for
HunterLab(13.0295, -0.5552,
-11.3819) contains.

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Color

**HunterLab(12.9366, -0.3902,
-11.6280)**

Conversions

Conversions Part 1

Format	Color
Hex	0D243C
RGB	13, 36, 60
RGB Percent	5%, 14%, 24%
CMY	0.9490, 0.8588, 0.7647
CMYK	0.78, 0.40, 0.00, 0.76
HSL	211°, 64%, 14%
HSV	211°, 78%, 24%
XYZ	1.6125, 1.6736, 4.5130
YIQ	31.8590, -21.4120, 2.5880

Conversions

Conversions Part 2

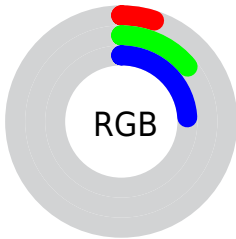
Format	Color
R_{YB}	13, 28, 60
Decimal	861244
CIE Lab	13.67, 0.58, -18.06
CIE LCh	14, 18.066, 271.846
Yxy	1.6736, 0.2068, 0.2146
Android (android.graphics.Color)	4279051324 (0xFF0D243C)
YUV	31.8590, 13.8735, -16.5393
Hunter-Lab	12.9366, -0.3902, -11.6280

Details

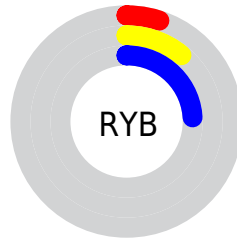
The HunterLab color **12.9366, -0.3902, -11.6280** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **15.2086, 3.8747, 7.9545**, and the grayscale version is **11.9372, -0.6369, 0.6486**.

A 20% lighter version of the original color is **28.0074, -0.8178, -12.7900**, and **2.4314, 3.4079, -10.3958** is the 20% darker color. If you saturate the color by 10%, you get **12.0649, 0.2705, -13.5693**, and if you desaturate by 10%, it is **13.8564, -0.9079, -9.7699**.

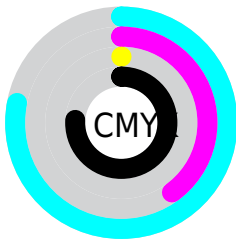
Distribution



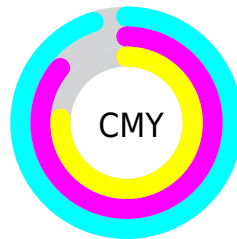
- Red (5%)
- Green (14%)
- Blue (24%)



- Red (5%)
- Yellow (11%)
- Blue (24%)



- Cyan (78%)
- Magenta (40%)
- Yellow (0%)
- Black (76%)



- Cyan (95%)
- Magenta (86%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.9366, -0.3902, -11.6280 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 12.9366, -0.3902, -11.6280 by changing the saturation by 10% instead.

■ 12.9366, -0.3902,
-11.6280

■ 12.9366, -0.3902,
-11.6280

■ 104.7853, -4.9944,
-13.6557

■ 6.3756, 0.0571,
-13.3067

■ 28.0206, -1.1080,
-12.4987

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 36.8949, -1.5448,
-12.8624

0.0000, NaN, NaN

■ 46.5477, -2.0263,
-13.1563

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.9206, -2.5485,
-13.3809

0.0000, NaN, NaN

■ 67.9667, -3.1087,
-13.5392

0.0000, NaN, NaN

■ 79.6473, -3.7043,

0.0000, NaN, NaN

-13.6353

■ 91.9295, -4.3335,
-13.6729

■ 12.9366, -0.3902,
-11.6280

■ 12.9366, -0.3902,
-11.6280

■ 12.0649, 0.2705,
-13.5693

■ 13.8564, -0.9079,
-9.7699

■ 11.2019, 0.9402,
-15.7079

■ 14.8257, -1.2737,
-7.9831

■ 11.0578, 1.0508,
-16.0897

■ 15.8401, -1.5029,
-6.2672

■ 16.8954, -1.6105,
-4.6193

■ 17.9879, -1.6108,
-3.0350

■ 19.1142, -1.5165,
-1.5090

■ 20.2715, -1.3388,
-0.0357

■ 21.4572, -1.0875,
1.3902

■ 22.6690, -0.7710,
2.7739

Harmonies

Analogous

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



12.9368, -4.7937, -9.7778



12.9366, -0.3902, -11.6280



12.9368, 4.5915, -9.2920

Triad

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



12.9368, -0.3901, -11.6277



12.9368, 8.1961, 4.5568



12.9368, -7.9126, 4.2220

Complementary

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



12.9366, -0.3902, -11.6280



15.2086, 3.8747, 7.9545

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.



12.9368, -5.2419, 6.4203



12.9366, -0.3902, -11.6280



12.9368, 3.9968, 6.6067

Square

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



12.9368, -0.3901, -11.6277



12.9368, 9.9796, 0.9859



12.9368, -0.9892, 7.2886



12.9368, -8.7366, 0.4160

Rectangle

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



12.9366, -0.3902, -11.6280



12.9368, 7.4654, -6.0411



12.9368, -0.9892, 7.2886



12.9368, -7.2226, 5.0791

Sweetspot

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



12.9368, -0.3901, -11.6277



24.2986, -2.0821, -3.1366



18.5682, -12.2293, 5.7689



12.7495, -1.1123, -1.8341



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



12.9368, -0.3901, -11.6277



14.7951, 1.4840, -20.5390



8.3651, 9.3797, -24.9814



11.0356, -0.7309, -0.0298



16.6784, 3.1316, -27.6068



40.1366, 12.4210, -76.9806

Inverse Universe

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



11.7301, 14.8659, -0.9482



13.8860, 23.0326, -0.0383



20.5462, -5.0968, 11.4722



10.8760, 0.3294, 0.3576



16.1147, 28.8292, 0.8600



40.7438, 72.4617, 5.5014

Previews

White Background



This preview shows how the HunterLab color 12.9366, -0.3902, -11.6280 looks on a white background.

Color Contrast Check

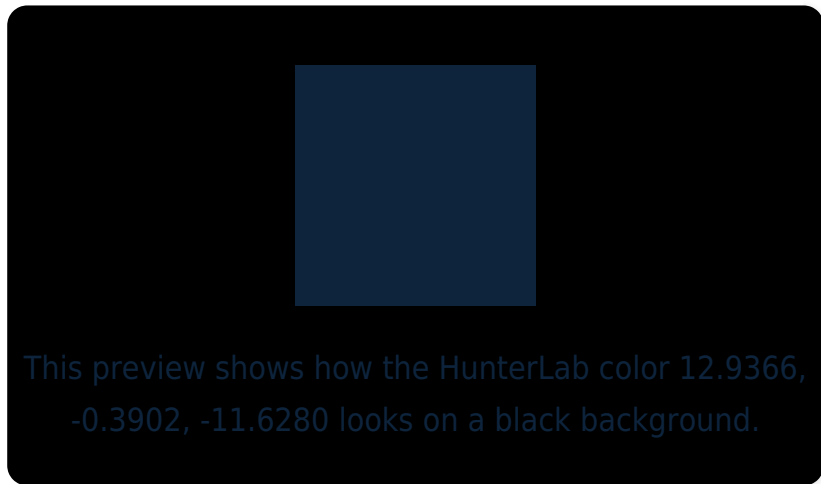
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

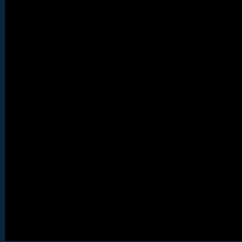
Any Text WCAG AA × Fail

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 12.9366, -0.3902, -11.6280 Background



This preview shows how black text looks on a background with the HunterLab color 12.9366, -0.3902, -11.6280.



This preview shows how white text looks on a background with the HunterLab color 12.9366, -0.3902, -11.6280.

-11.6280.

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

12.9366, -0.3902, -11.6280

Protanopia

12.9093, 1.7772, -11.0178

Deuteranopia

13.0659, 0.0541, -11.3468



Tritanopia

12.7209, -6.2167, -2.4798

Trichromacy



Original Color

12.9366, -0.3902, -11.6280

Protanomaly

12.9509, 0.7627, -10.9489

Deuteranomaly

13.0313, -0.0642, -11.4215

Tritanomaly

12.8072, -4.1534, -5.6328

Monochromacy



Original Color

12.9366, -0.3902, -11.6280

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

12.0895, -1.0368, -3.3114

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9366, -0.3902, -11.6280 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(13, 36, 60)` looks like.

```
.text, #text, p{  
    color:rgb(13, 36, 60)  
}
```

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(13, 36, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 36, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9366, -0.3902, -11.6280 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(13, 36, 60) }
```


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

```
.border{ border-color:rgb(13, 36, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 36, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 36, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 36, 60);  
box-shadow:4px 4px 4px 4px rgb(13, 36, 60)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.9366, -0.3902, -11.6280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 36, 60) }
```

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

```
.background{ background-color: rgb(13, 36,  
60) }
```

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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