

Converting Colors

HunterLab(13.9238, 2.1400,
-18.9319)

Have a look what the booklet for
HunterLab(13.9238, 2.1400,
-18.9319) contains.

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Color

**HunterLab(13.9957, 2.0453,
-18.7852)**

Conversions

Conversions Part 1

Format	Color
Hex	0C264A
RGB	12, 38, 74
RGB Percent	5%, 15%, 29%
CMY	0.9529, 0.8510, 0.7098
CMYK	0.84, 0.49, 0.00, 0.71
HSL	215°, 72%, 17%
HSV	215°, 84%, 29%
XYZ	2.0808, 1.9588, 6.7470
YIQ	34.3300, -27.0520, 5.6840

Conversions

Conversions Part 2

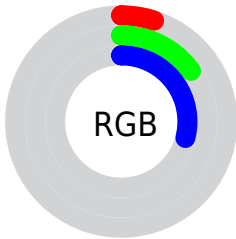
Format	Color
R_YB	12, 30, 74
Decimal	796234
CIE Lab	15.27, 5.09, -25.23
CIE LCh	15, 25.738, 281.406
Yxy	1.9589, 0.1929, 0.1816
Android (android.graphics.Color)	4278986314 (0xFF0C264A)
YUV	34.3300, 19.5573, -19.5834
Hunter-Lab	13.9957, 2.0453, -18.7852

Details

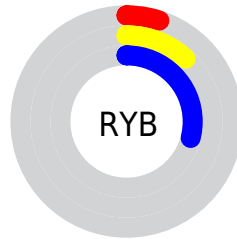
The HunterLab color **13.9957, 2.0453, -18.7852** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **18.9648, 3.9666, 10.6676**, and the grayscale version is **12.6987, -0.6776, 0.6899**.

A 20% lighter version of the original color is **29.3061, 2.1462, -19.8154**, and **3.7034, 5.8603, -17.2797** is the 20% darker color. If you saturate the color by 10%, you get **12.8503, 3.3107, -21.9155**, and if you desaturate by 10%, it is **15.2121, 0.9670, -15.8602**.

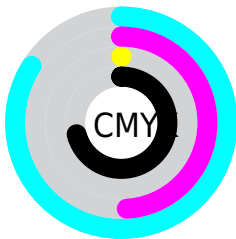
Distribution



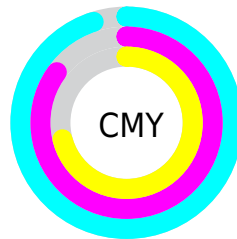
- Red (5%)
- Green (15%)
- Blue (29%)



- Red (5%)
- Yellow (12%)
- Blue (29%)



- Cyan (84%)
- Magenta (49%)
- Yellow (0%)
- Black (71%)



- Cyan (95%)
- Magenta (85%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.9957, 2.0453, -18.7852 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 13.9957, 2.0453, -18.7852 by changing the saturation by 10% instead.

■ 13.9957, 2.0453,
-18.7852

■ 13.9957, 2.0453,
-18.7852

106.8912, -0.3595,
-22.2972

■ 7.6381, 2.4960,
-19.7132

■ 29.3837, 1.9553,
-19.7198

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 38.3869, 1.7885,
-20.2446

0.0000, NaN, NaN

■ 48.1583, 1.5570,
-20.7297

0.0000, NaN, NaN

■ 58.6418, 1.2683,
-21.1605

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.7917, 0.9282,
-21.5324

0.0000, NaN, NaN

■ 81.5705, 0.5413,

0.0000, NaN, NaN

-21.8447

93.9462, 0.1111,
-22.0990

13.9957, 2.0453,
-18.7852

13.9957, 2.0453,
-18.7852

12.8503, 3.3107,
-21.9155

15.2121, 0.9670,
-15.8602

12.1488, 4.1110,
-24.0595

16.5091, 0.1208,
-13.0919

17.8778, -0.5184,
-10.4785

19.3098, -0.9764,
-8.0108

20.7980, -1.2775,
-5.6756

■ 22.3365, -1.4431,
-3.4584

■ 23.9202, -1.4919,
-1.3449

■ 25.5447, -1.4395,
0.6784

■ 27.2066, -1.2995,
2.6233

Harmonies

Analogous

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



13.9959, -4.8262, -17.8896



13.9957, 2.0453, -18.7852



13.9959, 9.4337, -12.8339

Triad

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



13.9959, 2.0456, -18.7848



13.9959, 10.9864, 7.0415



13.9959, -11.4479, 4.2917

Complementary

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



13.9957, 2.0453, -18.7852



18.9648, 3.9666, 10.6676

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.



13.9959, -8.6561, 7.7172



13.9957, 2.0453, -18.7852



13.9959, 3.8593, 9.2248

Square

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



13.9959, 2.0456, -18.7848



13.9959, 15.2387, 3.0870



13.9959, -3.3375, 9.4721



13.9959, -11.7417, -2.0466

Rectangle

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



13.9957, 2.0453, -18.7852



13.9959, 13.3111, -6.9541



13.9959, -3.3375, 9.4721



13.9959, -10.8009, 5.6477

Sweetspot

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



13.9959, 2.0456, -18.7848



29.0276, -1.8706, -5.1958



22.7642, -15.4018, 6.7159



14.4015, -0.9234, -2.8558



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



13.9959, 2.0456, -18.7848



15.5620, 6.4121, -33.2930



9.3211, 14.0140, -35.2202



13.2379, -0.7904, -0.1647



16.3414, 6.9446, -35.4167



37.5414, 21.8708, -94.1363

Inverse Universe

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



13.6339, 19.4164, 0.7666



16.4117, 29.0654, 3.1640



24.9425, -7.6425, 14.4085



13.0878, 0.4419, 0.5007



17.3133, 30.6473, 3.4535



41.9395, 73.8466, 11.4113

Previews

White Background



This preview shows how the HunterLab color 13.9957, 2.0453, -18.7852 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

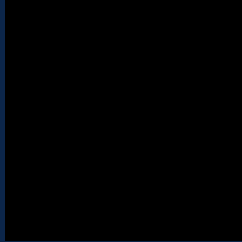
Any Text WCAG AA × Fail

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 13.9957, 2.0453, -18.7852 Background



This preview shows how black text looks on a background with the HunterLab color 13.9957, 2.0453, -18.7852.



This preview shows how white text looks on a background with the HunterLab color 13.9957, 2.0453, -18.7852.

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

13.9957, 2.0453, -18.7852

Protanopia

13.9378, 2.9224, -18.1742

Deuteranopia

13.7139, -0.5745, -15.9011



Tritanopia

13.8745, -6.8218, -2.6156

Trichromacy



Original Color

13.9957, 2.0453, -18.7852

Protanomaly

13.8359, 2.5938, -18.4401

Deuteranomaly

13.8989, 0.2442, -16.8609

Tritanomaly

13.7739, -3.9292, -7.6862

Monochromacy



Original Color

13.9957, 2.0453, -18.7852

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.8196, -0.4148, -5.5467

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.9957, 2.0453, -18.7852 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, 38, 74)` looks like.

```
.text, #text, p{  
    color:rgb(12, 38, 74)  
}
```

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, 38, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 38, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 13.9957, 2.0453, -18.7852 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, 38, 74) }
```


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

```
.border{ border-color:rgb(12, 38, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 38, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 38, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 38, 74);  
box-shadow:4px 4px 4px 4px rgb(12, 38, 74)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.9957, 2.0453, -18.7852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 38, 74) }
```

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

```
.background{ background-color: rgb(12, 38,  
74) }
```

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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