

Converting Colors

HunterLab(12.4898, 10.0266,
-37.2556)

Have a look what the booklet for
HunterLab(12.4898, 10.0266,
-37.2556) contains.

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Color

**HunterLab(12.4570, 9.9886,
-37.1327)**

Conversions

Conversions Part 1

Format	Color
Hex	001C59
RGB	0, 28, 89
RGB Percent	0%, 11%, 35%
CMY	1.0000, 0.8902, 0.6510
CMYK	1.00, 0.69, 0.00, 0.65
HSL	221°, 100%, 17%
HSV	221°, 100%, 35%
XYZ	2.2184, 1.5518, 9.6338
YIQ	26.5820, -36.2690, 13.0350

Conversions

Conversions Part 2

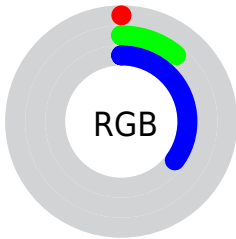
Format	Color
R_{YB}	0, 21, 89
Decimal	7257
CIE _{Lab}	12.93, 18.18, -39.23
CIE _{LCh}	13, 43.242, 294.860
Yxy	1.5518, 0.1655, 0.1158
Android (android.graphics.Color)	4278197337 (0xFF001C59)
YUV	26.5820, 30.7721, -23.3124
Hunter-Lab	12.4570, 9.9886, -37.1327

Details

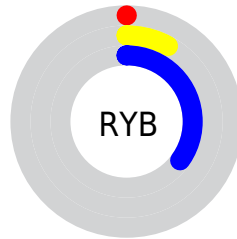
The HunterLab color **12.4570, 9.9886, -37.1327** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **23.3714, 3.3141, 14.4588**, and the grayscale version is **10.2587, -0.5474, 0.5574**.

A 20% lighter version of the original color is **27.4294, 11.6526, -36.5241**, and **4.8197, 8.2495, -23.8324** is the 20% darker color. If you saturate the color by 10%, you get **12.4559, 9.9914, -37.1374**, and if you desaturate by 10%, it is **13.8872, 7.6974, -31.6592**.

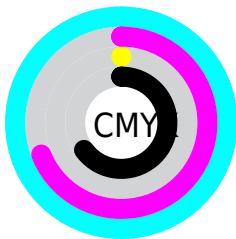
Distribution



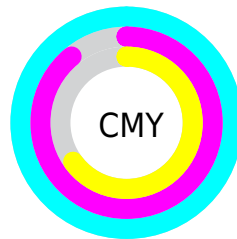
- Red (0%)
- Green (11%)
- Blue (35%)



- Red (0%)
- Yellow (8%)
- Blue (35%)



- Cyan (100%)
- Magenta (69%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (89%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4570, 9.9886, -37.1327 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 12.4570, 9.9886, -37.1327 by changing the saturation by 10% instead.

■ 12.4570, 9.9886,
-37.1327

■ 12.4570, 9.9886,
-37.1327

■ 103.8174, 13.8653,
-40.6493

■ 5.6989, 13.5957,
-48.5961

■ 27.3983, 11.6215,
-36.4389

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 36.2124, 12.2225,
-36.9116

0.0000, NaN, NaN

■ 45.8100, 12.7093,
-37.5266

0.0000, NaN, NaN

■ 56.1314, 13.0973,
-38.1885

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.1293, 13.3984,
-38.8505

0.0000, NaN, NaN

■ 78.7642, 13.6220,

0.0000, NaN, NaN

-39.4888

91.0031, 13.7756,
-40.0906

12.4570, 9.9886,
-37.1327

12.4570, 9.9886,
-37.1327

12.4559, 9.9914,
-37.1374

13.8872, 7.6974,
-31.6592

15.4245, 5.5792,
-26.7271

17.1112, 3.8156,
-22.1377

18.9244, 2.3771,
-17.9079

20.8448, 1.2199,
-14.0167

■ 22.8570, 0.3007,
-10.4264

■ 24.9484, -0.4195,
-7.0951

■ 27.1092, -0.9735,
-3.9830

■ 29.3315, -1.3886,
-1.0548

Harmonies

Analogous

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



12.4571, -2.5742, -43.3069



12.4570, 9.9886, -37.1327



12.4571, 22.8908, -18.3626

Triad

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



12.4571, 9.9894, -37.1324



12.4571, 14.6810, 8.7200



12.4571, -17.3642, 2.4098

Complementary

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



12.4570, 9.9886, -37.1327



23.3714, 3.3141, 14.4588

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.



12.4571, -14.6684, 8.7200



12.4570, 9.9886, -37.1327



12.4571, 1.3659, 8.7200

Square

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



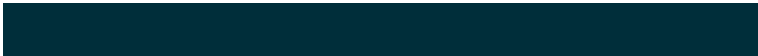
12.4571, 9.9894, -37.1324



12.4571, 26.2145, 7.3489



12.4571, -8.6257, 8.7200



12.4571, -16.0234, -11.7067

Rectangle

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



12.4570, 9.9886, -37.1327



12.4571, 28.4501, -6.1135



12.4571, -8.6257, 8.7200



12.4571, -16.9001, 5.0577

Sweetspot

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



12.4571, 9.9894, -37.1324



32.3421, -0.4685, -9.6752



27.3492, -19.0789, 7.0028



15.9061, -0.1172, -5.4471



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



12.4571, 9.9894, -37.1324



15.8098, 14.2642, -50.5531



9.1349, 23.5347, -55.3024



14.6692, -0.7092, -0.3475



14.7983, 12.9701, -46.4954



32.9315, 36.5351, -120.0303

Inverse Universe

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



14.8588, 26.0076, 5.2277



19.3800, 33.8491, 7.4053



29.2386, -12.7293, 17.7934



14.5911, 0.4799, 0.7042



18.0158, 31.4837, 6.7494



42.5274, 73.9853, 18.5195

Previews

White Background



This preview shows how the HunterLab color 12.4570, 9.9886, -37.1327 looks on a white background.

Color Contrast Check

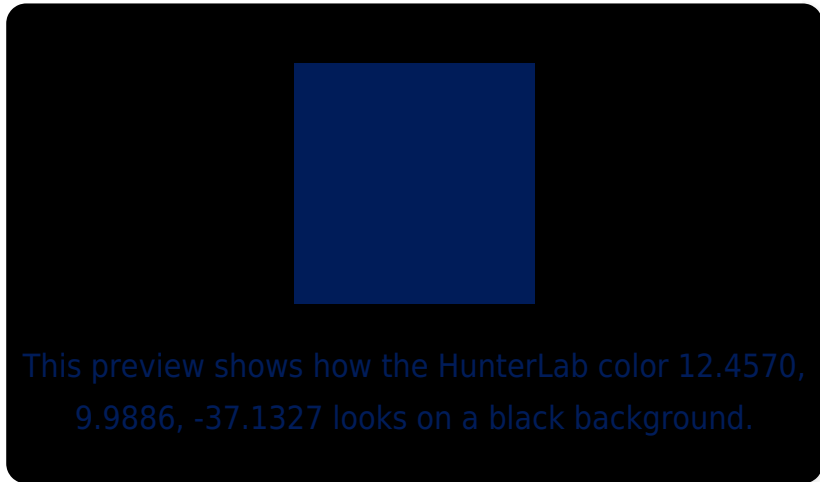
Large Text (above 18pt) WCAG AA ✓ Pass

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

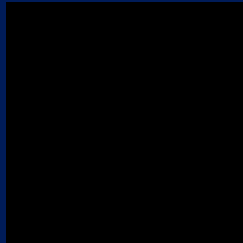
Any Text WCAG AA × Fail

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 12.4570, 9.9886, -37.1327 Background



This preview shows how black text looks on a background with the HunterLab color 12.4570, 9.9886, -37.1327.



This preview shows how white text looks on a background with the HunterLab color 12.4570, 9.9886, -37.1327.

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

12.4570, 9.9886, -37.1327

Deuteranopia

12.6439, -1.3291, -12.9346

Tritanopia

12.6930, -6.3815, -2.0894

Trichromacy



Original Color

12.4570, 9.9886, -37.1327

Deuteranomaly

12.4203, 2.4258, -20.7609

Tritanomaly

12.2782, -1.6463, -11.7929

Monochromacy



Original Color

12.4570, 9.9886, -37.1327

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.6458, 1.4708, -10.2205

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4570, 9.9886, -37.1327 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, 28, 89)` looks like.

```
.text, #text, p{  
    color:rgb(0, 28, 89)  
}
```

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, 28, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 28, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4570, 9.9886, -37.1327 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, 28, 89) }
```

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

```
.border{ border-color:rgb(0, 28, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 28, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 28, 89); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 28, 89); box-shadow:4px  
4px 4px 4px rgb(0, 28, 89) }
```


Background

The CSS property to change the background color of an element to HunterLab 12.4570, 9.9886, -37.1327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 28, 89) }
```

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

```
.background{ background-color: rgb(0, 28,  
89) }
```

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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