

Converting Colors

HunterLab(12.0909, -7.8493,
-23.9110)

Have a look what the booklet for
HunterLab(12.0909, -7.8493,
-23.9110) contains.

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Color

**HunterLab(14.1373, 0.0247,
-17.7237)**

Conversions

Conversions Part 1

Format	Color
Hex	002849
RGB	0, 40, 73
RGB Percent	0%, 16%, 29%
CMY	1.0000, 0.8431, 0.7137
CMYK	1.00, 0.45, 0.00, 0.71
HSL	207°, 100%, 14%
HSV	207°, 100%, 29%
XYZ	1.9614, 1.9986, 6.5858
YIQ	31.8020, -34.4330, 1.7830

Conversions

Conversions Part 2

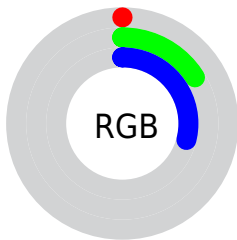
Format	Color
RYB	0, 26, 73
Decimal	10313
CIELab	15.48, 1.46, -24.23
CIElCh	15, 24.275, 273.437
Yxy	1.9987, 0.1860, 0.1895
Android (android.graphics.Color)	4278200393 (0xFF002849)
YUV	31.8020, 20.3106, -27.8904
Hunter-Lab	14.1373, 0.0247, -17.7237

Details

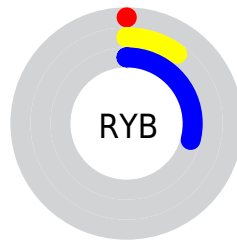
The HunterLab color **14.1373, 0.0247, -17.7237** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **15.8256, 9.4331, 9.9162**, and the grayscale version is **11.9030, -0.6351, 0.6467**.

A 20% lighter version of the original color is **29.6676, -0.7390, -18.5285**, and **3.6349, 5.5955, -16.6225** is the 20% darker color. If you saturate the color by 10%, you get **14.1368, 0.0256, -17.7250**, and if you desaturate by 10%, it is **15.0927, -0.7607, -15.4756**.

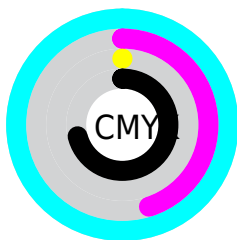
Distribution



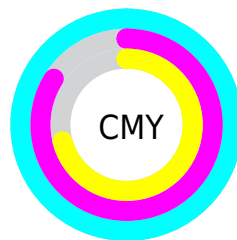
- Red (0%)
- Green (16%)
- Blue (29%)



- Red (0%)
- Yellow (10%)
- Blue (29%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (71%)



- Cyan (100%)
- Magenta (84%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.1373, 0.0247, -17.7237 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 14.1373, 0.0247, -17.7237 by changing the saturation by 10% instead.

■ 14.1373, 0.0247,
-17.7237

■ 14.1373, 0.0247,
-17.7237

■ 107.1698, -4.2037,
-21.0639

■ 7.7892, 0.3982,
-18.3724

■ 29.5648, -0.5856,
-18.6780

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 38.5849, -0.9763,
-19.1847

0.0000, NaN, NaN

■ 48.3719, -1.4151,
-19.6452

0.0000, NaN, NaN

■ 58.8698, -1.8974,
-20.0482

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.0334, -2.4200,
-20.3906

0.0000, NaN, NaN

■ 81.8250, -2.9800,

0.0000, NaN, NaN

-20.6726

■ 94.2130, -3.5752,
-20.8963

■ 14.1373, 0.0247,
-17.7237

■ 14.1373, 0.0247,
-17.7237

■ 14.1368, 0.0256,
-17.7250

■ 15.0927, -0.7607,
-15.4756

■ 16.0642, -1.5124,
-13.3925

■ 17.0977, -2.0692,
-11.3592

■ 18.1930, -2.4286,
-9.3745

■ 19.3455, -2.6072,
-7.4437

■ 20.5505, -2.6225,
-5.5687

■ 21.8035, -2.4918,
-3.7492

■ 23.1006, -2.2312,
-1.9829

■ 24.4383, -1.8552,
-0.2665

Harmonies

Analogous

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



14.1375, -6.0633, -15.1495



14.1373, 0.0247, -17.7237



14.1375, 7.0604, -13.7377

Triad

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



14.1375, 0.0250, -17.7234



14.1375, 11.6708, 5.9925



14.1375, -10.5251, 5.2234

Complementary

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



14.1373, 0.0247, -17.7237



15.8256, 9.4331, 9.9162

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.



14.1375, -7.1721, 8.0101



14.1373, 0.0247, -17.7237



14.1375, 5.4742, 8.4368

Square

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



14.1375, 0.0250, -17.7234



14.1375, 14.5260, 1.4842



14.1375, -1.5187, 9.1753



14.1375, -11.4468, 0.0155

Rectangle

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



14.1373, 0.0247, -17.7237



14.1375, 11.1414, -8.6414



14.1375, -1.5187, 9.1753



14.1375, -9.6802, 6.3105

Sweetspot

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



14.1375, 0.0250, -17.7234



28.1811, -3.2707, -5.1453



22.0775, -17.1688, 9.4683



14.3684, -1.7132, -2.9169



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.



14.1375, 0.0250, -17.7234



18.0094, 0.7018, -24.0252



7.4861, 16.5220, -45.0208



12.5845, -0.9158, -0.0124



18.9570, 0.8718, -25.5767



44.7732, 5.8066, -68.4973

Inverse Universe

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



12.5292, 22.6770, -1.3825



16.2586, 29.3515, -1.1845



23.9082, -5.2745, 14.6394



12.3520, 0.4526, 0.3237



17.1728, 30.9868, -1.1348



42.1745, 75.6965, 0.3423

Previews

White Background



This preview shows how the HunterLab color 14.1373, 0.0247, -17.7237 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

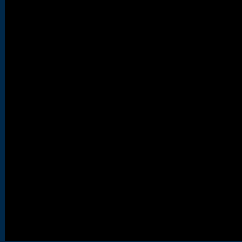
Any Text WCAG AA × Fail

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 14.1373, 0.0247, -17.7237 Background



This preview shows how black text looks on a background with the HunterLab color 14.1373, 0.0247, -17.7237.



This preview shows how white text looks on a background with the HunterLab color 14.1373, 0.0247, -17.7237.

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

14.1373, 0.0247, -17.7237

Protanopia

14.2666, 2.6486, -15.9368

Deuteranopia

14.0446, -0.4794, -16.5198



Tritanopia

14.1655, -6.9745, -2.6497

Trichromacy



Original Color

14.1373, 0.0247, -17.7237

Protanomaly

14.2143, 1.3984, -16.7895

Deuteranomaly

14.0906, -0.2286, -17.1187

Tritanomaly

14.1890, -4.9832, -6.9777

Monochromacy



Original Color

14.1373, 0.0247, -17.7237

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

12.4741, -1.7587, -5.1269

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.1373, 0.0247, -17.7237 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, 40, 73)` looks like.

```
.text, #text, p{  
    color:rgb(0, 40, 73)  
}
```

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, 40, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 40, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 14.1373, 0.0247, -17.7237 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, 40, 73) }
```


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

```
.border{ border-color:rgb(0, 40, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 40, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 40, 73); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 40, 73); box-shadow:4px  
4px 4px 4px rgb(0, 40, 73) }
```

Background

The CSS property to change the background color of an element to HunterLab 14.1373, 0.0247, -17.7237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 40, 73) }
```

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

```
.background{ background-color: rgb(0, 40,  
73) }
```

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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