

Converting Colors

HunterLab(16.9328, 2.3194,
-25.7872)

Have a look what the booklet for
HunterLab(16.9328, 2.3194,
-25.7872) contains.

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Color

**HunterLab(16.8412, 2.5088,
-26.0371)**

Conversions

Conversions Part 1

Format	Color
Hex	022F5D
RGB	2, 47, 93
RGB Percent	1%, 18%, 36%
CMY	0.9921, 0.8157, 0.6353
CMYK	0.98, 0.49, 0.00, 0.64
HSL	210°, 96%, 19%
HSV	210°, 98%, 36%
XYZ	3.0173, 2.8363, 10.7444
YIQ	38.7890, -41.5860, 4.7660

Conversions

Conversions Part 2

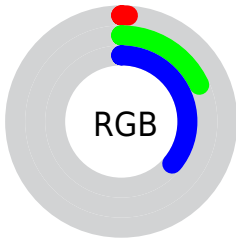
Format	Color
R_{YB}	2, 32, 93
Decimal	143197
CIE _{Lab}	19.38, 5.84, -31.43
CIE _{LCh}	19, 31.965, 280.522
Yxy	2.8363, 0.1818, 0.1709
Android (android.graphics.Color)	4278333277 (0xFF022F5D)
YUV	38.7890, 26.7260, -32.2640
Hunter-Lab	16.8412, 2.5088, -26.0371

Details

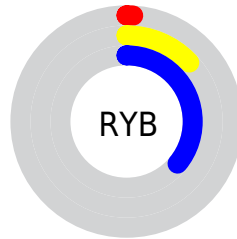
The HunterLab color **16.8412, 2.5088, -26.0371** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **21.0861, 10.3576, 13.0123**, and the grayscale version is **14.1030, -0.7525, 0.7662**.

A 20% lighter version of the original color is **32.9031, 2.6803, -27.2239**, and **4.7639, 11.2952, -30.3375** is the 20% darker color. If you saturate the color by 10%, you get **16.5624, 2.8330, -26.8173**, and if you desaturate by 10%, it is **18.1468, 1.0248, -22.6358**.

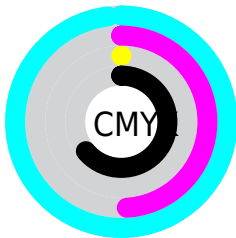
Distribution



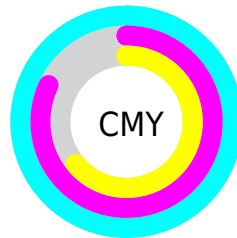
- Red (1%)
- Green (18%)
- Blue (36%)



- Red (1%)
- Yellow (13%)
- Blue (36%)



- Cyan (98%)
- Magenta (49%)
- Yellow (0%)
- Black (64%)



- Cyan (99%)
- Magenta (82%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.8412, 2.5088, -26.0371 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 16.8412, 2.5088, -26.0371 by changing the saturation by 10% instead.

■ 16.8412, 2.5088,
-26.0371

■ 16.8412, 2.5088,
-26.0371

■ 112.3661, 0.2432,
-30.3456

■ 10.2318, 2.3838,
-26.3499

■ 32.9835, 2.4453,
-26.9126

0.0000, INF, -NF

0.0000, NaN, -NF

■ 42.3099, 2.2943,
-27.5060

0.0000, NaN, NaN

■ 52.3798, 2.0790,
-28.0917

0.0000, NaN, NaN

■ 63.1419, 1.8068,
-28.6428

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.5543, 1.4831,
-29.1472

0.0000, NaN, NaN

■ 86.5818, 1.1124,

0.0000, NaN, NaN

-29.6000

■ 99.1944, 0.6981,
-29.9994

■ 16.8412, 2.5088,
-26.0371

■ 16.8412, 2.5088,
-26.0371

■ 16.5624, 2.8330,
-26.8173

■ 18.1468, 1.0248,
-22.6358

■ 19.5272, -0.2533,
-19.4156

■ 21.0088, -1.2253,
-16.3023

■ 22.5823, -1.9148,
-13.3082

■ 24.2390, -2.3503,
-10.4366

■ 25.9708, -2.5608,
-7.6841

■ 27.7702, -2.5737,
-5.0436

■ 29.6308, -2.4137,
-2.5059

■ 31.5471, -2.1026,
-0.0609

Harmonies

Analogous

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



16.8414, -6.4821, -24.4727



16.8412, 2.5088, -26.0371



16.8414, 12.4385, -17.9410

Triad

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



16.8414, 2.5093, -26.0367



16.8414, 15.0522, 8.6785



16.8414, -14.7130, 5.6784

Complementary

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



16.8412, 2.5088, -26.0371



21.0861, 10.3576, 13.0123

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.



16.8414, -11.0570, 9.5471



16.8412, 2.5088, -26.0371



16.8414, 5.5207, 10.9839

Square

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



16.8414, 2.5093, -26.0367



16.8414, 20.6592, 3.7492



16.8414, -4.0571, 11.3018



16.8414, -15.1756, -2.5132

Rectangle

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



16.8412, 2.5088, -26.0371



16.8414, 17.7722, -9.8506



16.8414, -4.0571, 11.3018



16.8414, -13.8616, 7.3455

Sweetspot

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



16.8414, 2.5093, -26.0367



35.8410, -3.3826, -7.2901



28.3744, -21.5799, 11.3747



17.6036, -1.6967, -4.1473



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



16.8414, 2.5093, -26.0367



21.2302, 4.5370, -36.3300



9.2027, 23.1297, -60.6451



15.6348, -1.0665, -0.1473



19.4339, 3.8763, -32.6585



43.4817, 12.9880, -82.3857

Inverse Universe

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



16.0500, 28.0665, 0.4466



20.7384, 37.0509, 1.4966



31.8753, -8.5203, 19.3850



15.3774, 0.6316, 0.4579



18.8706, 33.7386, 1.1689



43.9555, 78.2109, 5.6450

Previews

White Background



This preview shows how the HunterLab color 16.8412, 2.5088, -26.0371 looks on a white background.

Color Contrast Check

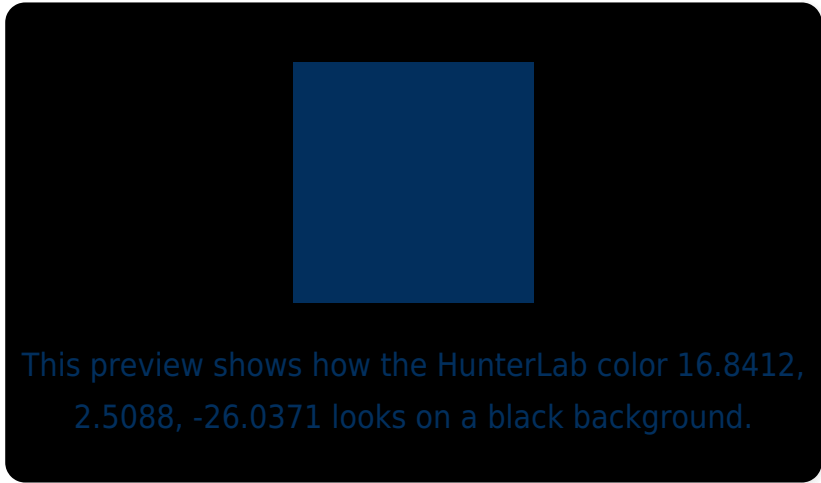
Large Text (above 18pt) WCAG AA ✓ Pass

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

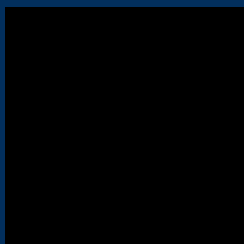
Any Text WCAG AA × Fail

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 16.8412, 2.5088, -26.0371 Background



This preview shows how black text looks on a background with the HunterLab color 16.8412, 2.5088, -26.0371.



This preview shows how white text looks on a background with the HunterLab color 16.8412, 2.5088, -26.0371.

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

16.8412, 2.5088, -26.0371

Protanopia

16.9886, 4.0818, -24.7971

Deuteranopia

16.8894, -0.6190, -19.7740



Tritanopia

16.8277, -8.3724, -2.9596

Trichromacy



Original Color

16.8412, 2.5088, -26.0371

Protanomaly

16.7930, 3.4556, -25.3401

Deuteranomaly

16.8076, 0.6518, -22.2003

Tritanomaly

16.7445, -5.0986, -9.7073

Monochromacy



Original Color

16.8412, 2.5088, -26.0371

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.8031, -1.2656, -7.4730

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.8412, 2.5088, -26.0371 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(2, 47, 93)` looks like.

```
.text, #text, p{  
    color:rgb(2, 47, 93)  
}
```

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(2, 47, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 47, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 16.8412, 2.5088, -26.0371 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(2, 47, 93) }
```


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

```
.border{ border-color:rgb(2, 47, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 47, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 47, 93); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 47, 93); box-shadow:4px  
4px 4px 4px rgb(2, 47, 93) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.8412, 2.5088, -26.0371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 47, 93) }
```

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

```
.background{ background-color: rgb(2, 47,  
93) }
```

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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