

Converting Colors

HunterLab(15.1952, -4.7475,
-33.4167)

Have a look what the booklet for
HunterLab(15.1952, -4.7475,
-33.4167) contains.

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Color

**HunterLab(17.1468, 2.4988,
-26.8261)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 00305F |
| RGB | 0, 48, 95 |
| RGB Percent | 0%, 19%, 37% |
| CMY | 1.0000, 0.8118, 0.6274 |
| CMYK | 1.00, 0.49, 0.00, 0.63 |
| HSL | 210°, 100%, 19% |
| HSV | 210°, 100%, 37% |
| XYZ | 3.1225, 2.9401, 11.2294 |
| YIQ | 39.0060, -43.6950, 4.4410 |

Conversions

Conversions Part 2

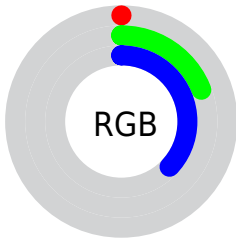
| Format | Color |
|-------------------------------------|--|
| RYB | 0, 32, 95 |
| Decimal | 12383 |
| CIELab | 19.80, 5.82, -32.06 |
| CIELCh | 20, 32.586, 280.283 |
| Yxy | 2.9402, 0.1806, 0.1700 |
| Android (android.graphics.Color) | 4278202463 (0xFF00305F) |
| YUV | 39.0060, 27.6050, -34.2083 |
| Hunter-Lab | 17.1468, 2.4988, -26.8261 |

Details

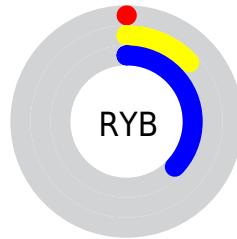
The HunterLab color **17.1468, 2.4988, -26.8261** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **21.1346, 11.4624, 13.2230**, and the grayscale version is **14.1706, -0.7561, 0.7699**.

A 20% lighter version of the original color is **33.2600, 2.7052, -27.9348**, and **4.6195, 12.5305, -32.8237** is the 20% darker color. If you saturate the color by 10%, you get **17.1458, 2.5008, -26.8292**, and if you desaturate by 10%, it is **18.4570, 1.0088, -23.3878**.

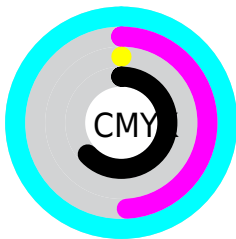
Distribution



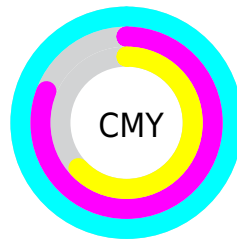
- Red (0%)
- Green (19%)
- Blue (37%)



- Red (0%)
- Yellow (13%)
- Blue (37%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (63%)



- Cyan (100%)
- Magenta (81%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.1468, 2.4988, -26.8261 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 17.1468, 2.4988, -26.8261 by changing the saturation by 10% instead.

■ 17.1468, 2.4988,
-26.8261

■ 17.1468, 2.4988,
-26.8261

■ 112.9402, 0.2005,
-31.2002

■ 10.4909, 2.3809,
-27.1607

■ 33.3655, 2.4249,
-27.6914

0.0000, INF, -NF

0.0000, NaN, -NF

■ 42.7248, 2.2698,
-28.2896

0.0000, NaN, NaN

■ 52.8252, 2.0509,
-28.8834

0.0000, NaN, NaN

■ 63.6159, 1.7753,
-29.4450

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.0552, 1.4485,
-29.9614

0.0000, NaN, NaN

■ 87.1082, 1.0749,

0.0000, NaN, NaN

-30.4271

■ 99.7452, 0.6579,
-30.8401

■ 17.1468, 2.4988,
-26.8261

■ 17.1468, 2.4988,
-26.8261

■ 17.1458, 2.5008,
-26.8292

■ 18.4570, 1.0088,
-23.3878

■ 19.8264, -0.3279,
-20.1652

■ 21.2994, -1.3496,
-17.0362

■ 22.8676, -2.0771,
-14.0159

■ 24.5222, -2.5381,
-11.1104

■ 26.2550, -2.7616,
-8.3190

■ 28.0585, -2.7758,
-5.6365

■ 29.9259, -2.6063,
-3.0552

■ 31.8516, -2.2759,
-0.5661

Harmonies

Analogous

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



17.1470, -6.7007, -25.1282



17.1468, 2.4988, -26.8261



17.1470, 12.6999, -18.5482

Triad

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



17.1470, 2.4993, -26.8257



17.1470, 15.5285, 8.8424



17.1470, -15.0439, 5.8569

Complementary

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



17.1468, 2.4988, -26.8261



21.1346, 11.4624, 13.2230

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.



17.1470, -11.2782, 9.7585



17.1468, 2.4988, -26.8261



17.1470, 5.7549, 11.1647

Square

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



17.1470, 2.4993, -26.8257



17.1470, 21.2446, 3.7771



17.1470, -4.0830, 11.5000



17.1470, -15.5419, -2.5001

Rectangle

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



17.1468, 2.4988, -26.8261



17.1470, 18.2032, -10.2292



17.1470, -4.0830, 11.5000



17.1470, -14.1649, 7.5478

Sweetspot

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



17.1470, 2.4993, -26.8257



36.5043, -3.6413, -7.6866



28.9502, -22.3995, 12.1699



17.5515, -1.7894, -4.2255



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.



17.1470, 2.4993, -26.8257



22.0063, 4.0858, -36.3261



9.2782, 23.8365, -63.0495



16.4378, -1.1437, -0.1537



20.1731, 3.4832, -32.7338



44.6907, 11.7916, -81.3141

Inverse Universe

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



16.2681, 29.1682, 0.3436



21.2435, 38.0090, 1.1007



32.1482, -8.1174, 19.6670



16.1528, 0.6908, 0.4577



19.3653, 34.6729, 0.8141



44.5598, 79.4134, 4.7359

Previews

White Background



This preview shows how the HunterLab color 17.1468, 2.4988, -26.8261 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



This preview shows how the HunterLab color 17.1468, 2.4988, -26.8261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

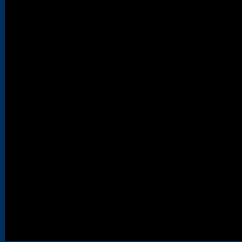
Any Text WCAG AA × Fail

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 17.1468, 2.4988, -26.8261 Background



This preview shows how black text looks on a background with the HunterLab color 17.1468, 2.4988, -26.8261.



This preview shows how white text looks on a background with the HunterLab color 17.1468, 2.4988, -26.8261.

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

17.1468, 2.4988, -26.8261

Protanopia

17.3223, 4.1670, -25.4991

Deuteranopia

17.2317, -0.5200, -20.4156

Trichromacy



Original Color

17.1468, 2.4988, -26.8261

Protanomaly

17.1077, 3.4798, -26.0978

Deuteranomaly

17.1313, 0.6930, -22.9086

Monochromacy



Original Color

17.1468, 2.4988, -26.8261

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.7593, -1.4195, -7.5518

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.1468, 2.4988, -26.8261 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, 48, 95)` looks like.

```
.text, #text, p{  
    color:rgb(0, 48, 95)  
}
```

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, 48, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 48, 95) }
```

Border

The CSS property to change the border of an element to HunterLab 17.1468, 2.4988, -26.8261 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, 48, 95) }
```

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

```
.border{ border-color:rgb(0, 48, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 48, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 48, 95); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 48, 95); box-shadow:4px  
4px 4px 4px rgb(0, 48, 95) }
```


Background

The CSS property to change the background color of an element to HunterLab 17.1468, 2.4988, -26.8261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 48, 95) }
```

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

```
.background{ background-color: rgb(0, 48,  
95) }
```

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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