

Converting Colors

HunterLab(16.3848, -6.3261,
-6.9249)

Have a look what the booklet for
HunterLab(16.3848, -6.3261,
-6.9249) contains.

| | |
|---|----|
| HunterLab(16.5122, -6.4001, -6.8229) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**HunterLab(16.5122, -6.4001,
-6.8229)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 00333F |
| RGB | 0, 51, 63 |
| RGB Percent | 0%, 20%, 25% |
| CMY | 1.0000, 0.8000, 0.7529 |
| CMYK | 1.00, 0.19, 0.00, 0.75 |
| HSL | 191°, 100%, 12% |
| HSV | 191°, 100%, 25% |
| XYZ | 2.0810, 2.7265, 5.1192 |
| YIQ | 37.1190, -34.2480, -7.0800 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 28, 63 |
| Decimal | 13119 |
| CIELab | 18.91, -10.61, -11.99 |
| CIELCh | 19, 16.010, 228.487 |
| Yxy | 2.7266, 0.2096, 0.2747 |
| Android (android.graphics.Color) | 4278203199 (0xFF00333F) |
| YUV | 37.1190, 12.7593, -32.5534 |
| Hunter-Lab | 16.5122, -6.4001, -6.8229 |

Details

The HunterLab color **16.5122, -6.4001, -6.8229** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.4883, 13.7901, 7.3199**, and the grayscale version is **13.6084, -0.7261, 0.7394**.

A 20% lighter version of the original color is **32.4620, -8.5582, -7.6146**, and **2.7541, 4.6566, -13.4947** is the 20% darker color. If you saturate the color by 10%, you get **16.5122, -6.4000, -6.8230**, and if you desaturate by 10%, it is **16.9514, -6.3609, -6.1143**.

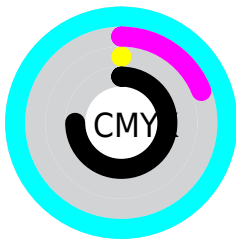
Distribution



- Red (0%)
- Green (20%)
- Blue (25%)



- Red (0%)
- Yellow (11%)
- Blue (25%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (75%)



- Cyan (100%)
- Magenta (80%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.5122, -6.4001, -6.8229 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 16.5122, -6.4001, -6.8229 by changing the saturation by 10% instead.

■ 16.5122, -6.4001,
-6.8229

■ 16.5122, -6.4001,
-6.8229

■ 111.7454,
-16.9582, -6.6471

■ 9.9536, -5.2435,
-6.4794

■ 32.5715, -8.8436,
-7.2685

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 41.8621, -10.0138,
-7.3690

0.0000, NaN, NaN

■ 51.8988, -11.1705,
-7.3969

0.0000, NaN, NaN

■ 62.6299, -12.3216,
-7.3587

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 74.0131, -13.4728,
-7.2602


0.0000, NaN, NaN


■ 86.0128, -14.6276,


0.0000, NaN, NaN


-7.1062


 98.5990, -15.7888,
-6.9007


 16.5122, -6.4001,
-6.8229


 16.5122, -6.4001,
-6.8229


 16.5122, -6.4000,
-6.8230

 16.9514, -6.3609,
-6.1143

 17.3907, -6.3248,
-5.4274

 17.8633, -6.1675,
-4.7093

 18.3773, -5.8601,
-3.9507

 18.9325, -5.4060,
-3.1556

■ 19.5285, -4.8110,
-2.3285

■ 20.1642, -4.0827,
-1.4739

■ 20.8383, -3.2300,
-0.5963

■ 21.5493, -2.2623,
0.3001

Harmonies

Analogous

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



16.5125, -8.5349, -2.0319



16.5122, -6.4001, -6.8229



16.5125, -2.6289, -9.7961

Triad

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



16.5125, -6.4000, -6.8226



16.5125, 8.8243, -0.8905



16.5125, -3.6225, 7.1017

Complementary

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



16.5122, -6.4001, -6.8229



11.4883, 13.7901, 7.3199

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.



16.5125, 0.9408, 7.2498



16.5122, -6.4001, -6.8229



16.5125, 8.4821, 3.3747

Square

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



16.5125, -6.4000, -6.8226



16.5125, 6.3606, -5.7906



16.5125, 5.4718, 6.0835



16.5125, -7.0579, 5.6008

Rectangle

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



16.5122, -6.4001, -6.8229



16.5125, 0.4584, -9.9203



16.5125, 5.4718, 6.0835



16.5125, -2.1809, 7.2923

Sweetspot

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



16.5125, -6.4000, -6.8226



26.0297, -5.4252, -2.0570



18.9223, -15.7452, 10.3387



13.2897, -2.8572, -1.1386



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



16.5125, -6.4000, -6.8226



21.2278, -8.0598, -9.1342



9.2604, 5.8954, -24.2997



11.2547, -1.0889, 0.2317



24.5675, -9.2315, -10.7791



61.4361, -22.0818, -29.1214

Inverse Universe

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



11.3836, 21.5927, -8.9203



14.7308, 27.9017, -11.2152



16.6981, 1.9465, 10.3230



10.8987, 0.4515, 0.0353



17.1035, 32.3719, -12.8362



43.3412, 81.7877, -30.6334

Previews

White Background



This preview shows how the HunterLab color 16.5122, -6.4001, -6.8229 looks on a white background.

Color Contrast Check

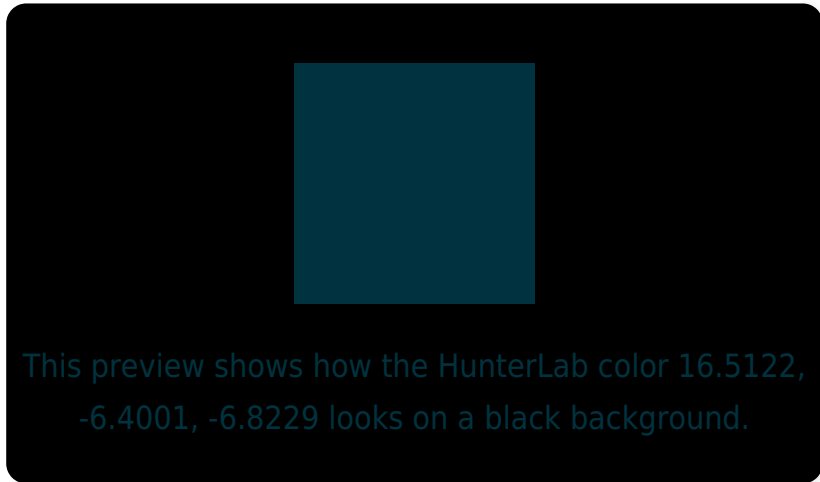
Large Text (above 18pt) WCAG AA ✓ Pass

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

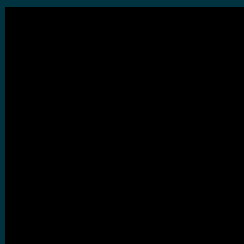
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

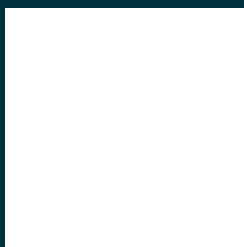
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 16.5122, -6.4001, -6.8229 Background



This preview shows how black text looks on a background with the HunterLab color 16.5122, -6.4001, -6.8229.



This preview shows how white text looks on a background with the HunterLab color 16.5122, -6.4001, -6.8229.

-6.8229.

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

16.5122, -6.4001, -6.8229

Protanopia

16.6834, 0.3627, -4.4181

Deuteranopia

16.7200, 0.8125, -6.8831



Tritanopia

16.5575, -8.0418, -3.3355

Trichromacy



Original Color

16.5122, -6.4001, -6.8229

Protanomaly

16.3498, -3.2337, -5.4844

Deuteranomaly

16.4429, -2.6304, -7.4040

Tritanomaly

16.6486, -7.5051, -4.6080

Monochromacy



Original Color

16.5122, -6.4001, -6.8229

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

14.3087, -3.8602, -1.9610

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.5122, -6.4001, -6.8229 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, 51, 63)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 63)  
}
```

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, 51, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 16.5122, -6.4001, -6.8229 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, 51, 63) }
```


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

```
.border{ border-color:rgb(0, 51, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 51, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 63); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 51, 63); box-shadow:4px  
4px 4px 4px rgb(0, 51, 63) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.5122, -6.4001, -6.8229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 51, 63) }
```

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

```
.background{ background-color: rgb(0, 51,  
63) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor