

Converting Colors

HunterLab(18.6558, -3.7034,
-15.3235)

Have a look what the booklet for
HunterLab(18.6558, -3.7034,
-15.3235) contains.

HunterLab(18.6237, -3.6999, -15.2911)	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(18.6237, -3.6999,
-15.2911)**

Conversions

Conversions Part 1

Format	Color
Hex	003854
RGB	0, 56, 84
RGB Percent	0%, 22%, 33%
CMY	1.0000, 0.7804, 0.6706
CMYK	1.00, 0.33, 0.00, 0.67
HSL	200°, 100%, 16%
HSV	200°, 100%, 33%
XYZ	3.0144, 3.4684, 8.8981
YIQ	42.4480, -42.3640, -3.1640

Conversions

Conversions Part 2

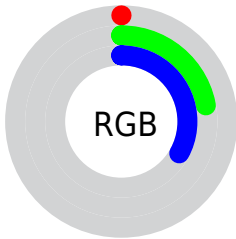
Format	Color
RYB	0, 34, 84
Decimal	14420
CIELab	21.83, -4.79, -21.57
CIELCh	22, 22.093, 257.471
Yxy	3.4685, 0.1960, 0.2255
Android (android.graphics.Color)	4278204500 (0xFF003854)
YUV	42.4480, 20.4851, -37.2269
Hunter-Lab	18.6237, -3.6999, -15.2911

Details

The HunterLab color **18.6237, -3.6999, -15.2911** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **16.4791, 15.2645, 10.4210**, and the grayscale version is **15.3082, -0.8168, 0.8317**.

A 20% lighter version of the original color is **35.2787, -5.3729, -16.2606**, and **6.5904, 2.2837, -13.1673** is the 20% darker color. If you saturate the color by 10%, you get **18.6234, -3.6992, -15.2920**, and if you desaturate by 10%, it is **19.4983, -4.2850, -13.5650**.

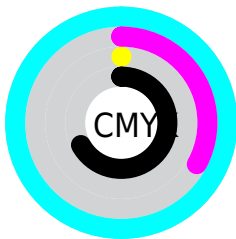
Distribution



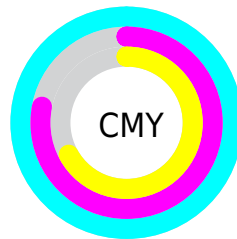
- Red (0%)
- Green (22%)
- Blue (33%)



- Red (0%)
- Yellow (13%)
- Blue (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (78%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.6237, -3.6999, -15.2911 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 18.6237, -3.6999, -15.2911 by changing the saturation by 10% instead.

■ 18.6237, -3.6999,
-15.2911

■ 18.6237, -3.6999,
-15.2911

■ 115.6815,
-11.2555, -17.8416

■ 11.7514, -2.9230,
-14.8762

■ 35.2003, -5.2589,
-16.2491

■ 4.5014, -4.8797,
-22.5070

■ 44.7145, -6.0580,
-16.6619

0.0000, NaN, -NF

■ 54.9587, -6.8747,
-17.0116

0.0000, NaN, NaN

■ 65.8840, -7.7105,
-17.2970

0.0000, NaN, NaN

■ 77.4503, -8.5662,
-17.5198

0.0000, NaN, NaN

■ 89.6240, -9.4422,

0.0000, NaN, NaN

-17.6829

0.0000, NaN, NaN

■ 102.3761,
-10.3386, -17.7892

■ 18.6237, -3.6999,
-15.2911

■ 18.6237, -3.6999,
-15.2911

■ 18.6234, -3.6992,
-15.2920

■ 19.4983, -4.2850,
-13.5650

■ 20.3948, -4.8047,
-11.9004

■ 21.3579, -5.0965,
-10.2126

■ 22.3871, -5.1617,
-8.5092

■ 23.4797, -5.0120,
-6.7996

■ 24.6326, -4.6622,
-5.0918

■ 25.8421, -4.1287,
-3.3921

■ 27.1049, -3.4279,
-1.7052

■ 28.4174, -2.5760,
-0.0342

Harmonies

Analogous

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



18.6240, -8.9053, -10.4240



18.6237, -3.6999, -15.2911



18.6240, 3.0201, -14.8106

Triad

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



18.6240, -3.6996, -15.2907



18.6240, 12.9073, 4.3214



18.6240, -9.5458, 7.5256

Complementary

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



18.6237, -3.6999, -15.2911



16.4791, 15.2645, 10.4210

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.



18.6240, -4.6959, 9.3077



18.6237, -3.6999, -15.2911



18.6240, 8.5060, 7.9568

Square

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



18.6240, -3.6996, -15.2907



18.6240, 13.2738, -1.8360



18.6240, 1.8740, 9.4313



18.6240, -11.9469, 3.4740

Rectangle

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



18.6237, -3.6999, -15.2911



18.6240, 7.4803, -11.5228



18.6240, 1.8740, 9.4313



18.6240, -8.1817, 8.3370

Sweetspot

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



18.6240, -3.6996, -15.2907



33.9850, -5.5414, -4.7177



25.3468, -20.5533, 12.6883



16.9922, -2.9047, -2.6797



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



18.6240, -3.6996, -15.2907



24.2820, -4.3820, -20.8908



9.7691, 15.0156, -44.6227



14.2371, -1.2220, 0.0912



23.1372, -4.2455, -19.7546



54.0097, -7.7838, -50.7044

Inverse Universe

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



14.7326, 27.1657, -5.5034



19.4292, 35.7555, -6.6890



25.0306, -2.1110, 15.3864



13.8655, 0.6194, 0.1825



18.4783, 34.0170, -6.4502



44.1820, 80.9962, -12.7918

Previews

White Background



This preview shows how the HunterLab color 18.6237, -3.6999, -15.2911 looks on a white background.

Color Contrast Check

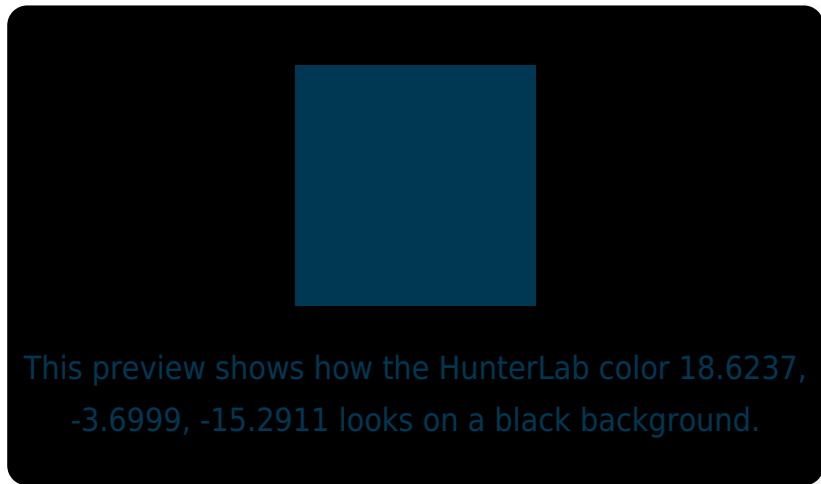
Large Text (above 18pt) WCAG AA ✓ Pass

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

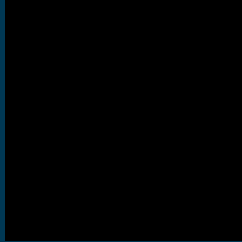
Any Text WCAG AA × Fail

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 18.6237, -3.6999, -15.2911 Background



This preview shows how black text looks on a background with the HunterLab color 18.6237, -3.6999, -15.2911.



This preview shows how white text looks on a background with the HunterLab color 18.6237, -3.6999, -15.2911.

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

18.6237, -3.6999, -15.2911

Protanopia

18.8382, 1.8292, -12.2464

Deuteranopia

18.8664, 1.1005, -15.3641



Tritanopia

18.6730, -9.1508, -3.5856

Trichromacy



Original Color

18.6237, -3.6999, -15.2911

Protanomaly

18.3665, -0.9413, -13.8289

Deuteranomaly

18.6139, -1.0271, -15.9232

Tritanomaly

18.6576, -7.2940, -7.5746

Monochromacy



Original Color

18.6237, -3.6999, -15.2911

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

16.0045, -3.3927, -4.5375

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.6237, -3.6999, -15.2911 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, 56, 84)` looks like.

```
.text, #text, p{  
    color:rgb(0, 56, 84)  
}
```

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, 56, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 56, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 18.6237, -3.6999, -15.2911 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, 56, 84) }
```


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

```
.border{ border-color:rgb(0, 56, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 56, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 56, 84); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 56, 84); box-shadow:4px  
4px 4px 4px rgb(0, 56, 84) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.6237, -3.6999, -15.2911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 56, 84) }
```

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

```
.background{ background-color: rgb(0, 56,  
84) }
```

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