

Converting Colors

HunterLab(12.0698, -8.7376,
3.7806)

Have a look what the booklet for
HunterLab(12.0698, -8.7376, 3.7806)
contains.

HunterLab(12.0015, -8.6808, 3.7384)	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(12.0015, -8.6808,
3.7384)**

Conversions

Conversions Part 1

Format	Color
Hex	002615
RGB	0, 38, 21
RGB Percent	0%, 15%, 8%
CMY	1.0000, 0.8510, 0.9176
CMYK	1.00, 0.00, 0.45, 0.85
HSL	153°, 100%, 7%
HSV	153°, 100%, 15%
XYZ	0.8285, 1.4404, 0.9438
YIQ	24.7000, -17.1910, -13.3430

Conversions

Conversions Part 2

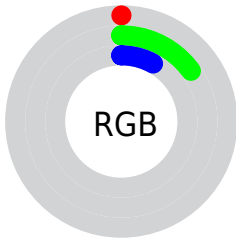
Format	Color
RYB	0, 24, 38
Decimal	9749
CIELab	12.22, -18.75, 7.58
CIELCh	12, 20.224, 158.001
Yxy	1.4404, 0.2579, 0.4483
Android (android.graphics.Color)	4278199829 (0xFF002615)
YUV	24.7000, -1.8241, -21.6619
Hunter-Lab	12.0015, -8.6808, 3.7384

Details

The HunterLab color **12.0015, -8.6808, 3.7384** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **6.7272, 12.1221, -0.3165**, and the grayscale version is **9.7780, -0.5217, 0.5313**.

A 20% lighter version of the original color is **26.6950, -12.4996, 5.7859**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.0017, -8.6809, 3.7385**, and if you desaturate by 10%, it is **12.1304, -8.0968, 3.4474**.

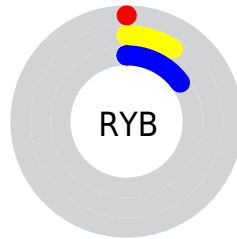
Distribution



Red (0%)

Green (15%)

Blue (8%)



Red (0%)

Yellow (9%)

Blue (15%)

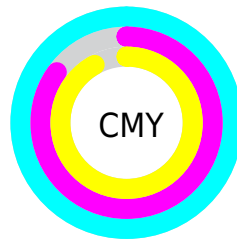


Cyan (100%)

Magenta (0%)

Yellow (45%)

Black (85%)



Cyan (100%)

Magenta (85%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.0015, -8.6808, 3.7384 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 12.0015, -8.6808, 3.7384 by changing the saturation by 10% instead.

■ 12.0015, -8.6808,
3.7384

■ 12.0015, -8.6808,
3.7384

■ 102.8898,
-24.0655, 12.7348

■ 4.9621, -8.6837,
3.4735

■ 26.8046, -12.6623,
5.7712

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.5605, -14.4376,
6.7507

0.0000, NaN, NaN

■ 45.1045, -16.1343,
7.7266

0.0000, NaN, NaN

■ 55.3763, -17.7772,
8.7065

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 66.3276, -19.3821,
9.6948


0.0000, NaN, NaN


■ 77.9185, -20.9602,


0.0000, NaN, NaN


10.6945


 90.1154, -22.5194,
11.7074


 12.0015, -8.6808,
3.7384


 12.0015, -8.6808,
3.7384


 12.0017, -8.6809,
3.7385

 12.1304, -8.0968,
3.4474

 12.2595, -7.5150,
3.1370

 12.3904, -6.9298,
2.8089

 12.5396, -6.2767,
2.4814

 12.7119, -5.5399,
2.1618

■ 12.9077, -4.7225,
1.8525

■ 13.1268, -3.8289,
1.5557

■ 13.3692, -2.8639,
1.2731

■ 13.6345, -1.8333,
1.0063

Harmonies

Analogous

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



12.0017, -6.2751, 6.6262



12.0015, -8.6808, 3.7384



12.0017, -9.1441, -0.7706

Triad

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



12.0017, -8.6809, 3.7385



12.0017, 0.8054, -13.3900



12.0017, 8.4552, 5.4225

Complementary

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



12.0015, -8.6808, 3.7384



6.7272, 12.1221, -0.3165

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.



12.0017, 11.1615, 1.9216



12.0015, -8.6808, 3.7384



12.0017, 6.2729, -9.7241

Square

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



12.0017, -8.6809, 3.7385



12.0017, -4.2131, -12.1983



12.0017, 10.3005, -3.5579



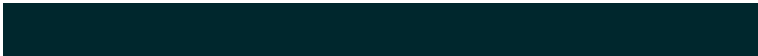
12.0017, 3.4048, 7.5984

Rectangle

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



12.0015, -8.6808, 3.7384



12.0017, -8.3556, -4.8245



12.0017, 10.3005, -3.5579



12.0017, 9.7057, 4.4013

Sweetspot

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



12.0017, -8.6809, 3.7385



16.2983, -4.9824, 2.0050



12.2734, -8.0096, 7.4226



9.4098, -2.8728, 1.1563



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

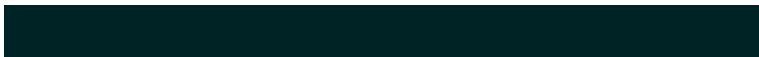
The Same Dimension uses a secret algorithm to generate beautiful new colors.



12.0017, -8.6809, 3.7385



14.9298, -10.9349, 4.9444



11.8651, -5.9636, -1.9566



7.6101, -0.8799, 0.5257



24.8287, -18.5559, 9.0232



68.4840, -52.2057, 27.0980

Inverse Universe

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



6.7272, 12.1221, -0.3165



8.3430, 14.9670, 0.1247



6.7330, 9.9559, 4.3231



7.3465, 0.0947, 0.2937



13.8074, 24.5906, 1.5965



37.9077, 67.0284, 8.1360

Previews

White Background



This preview shows how the HunterLab color 12.0015, -8.6808, 3.7384 looks on a white background.

Color Contrast Check

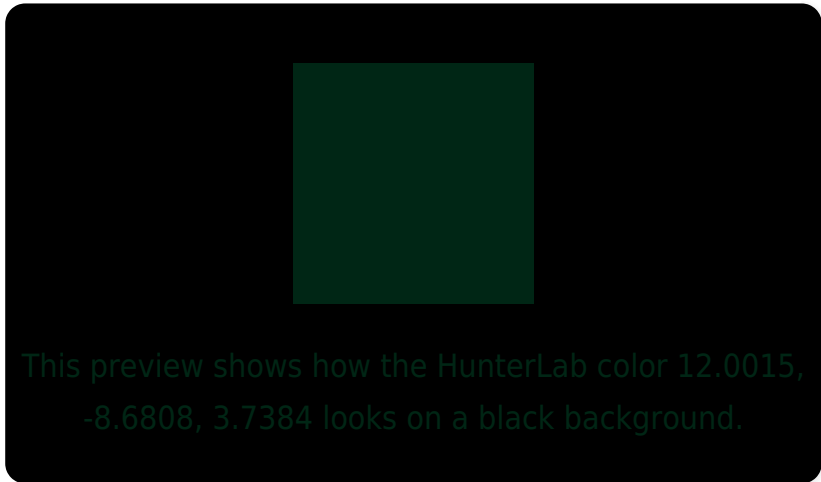
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.0015, -8.6808, 3.7384 Background



This preview shows how black text looks on a background with the HunterLab color 12.0015, -8.6808, 3.7384.



This preview shows how white text looks on a background with the HunterLab color 12.0015, -8.6808,

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

12.0015, -8.6808, 3.7384

Protanopia

12.2874, -1.3255, 4.5754

Deuteranopia

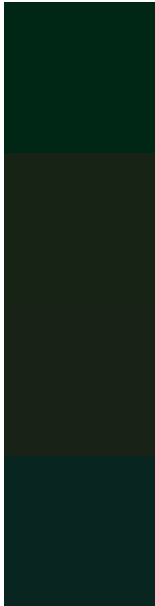
12.1374, 0.5450, 3.5288



Tritanopia

12.2540, -4.2821, -1.8113

Trichromacy



Original Color

12.0015, -8.6808, 3.7384

Protanomaly

11.9780, -4.8574, 4.0198

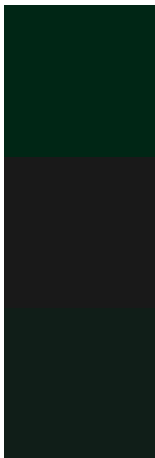
Deuteranomaly

11.8687, -3.9597, 3.4522

Tritanomaly

12.1881, -6.1721, 0.7547

Monochromacy



Original Color

12.0015, -8.6808, 3.7384

Achromatopsia

9.8596, -0.5261, 0.5357

Achromatomaly

10.5102, -4.0788, 1.5301

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.0015, -8.6808, 3.7384 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, 38, 21)` looks like.

```
.text, #text, p{  
    color:rgb(0, 38, 21)  
}
```

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, 38, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 38, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 12.0015, -8.6808, 3.7384 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, 38, 21) }
```


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

```
.border{ border-color:rgb(0, 38, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 38, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 38, 21); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 38, 21); box-shadow:4px  
4px 4px 4px rgb(0, 38, 21) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.0015, -8.6808, 3.7384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 38, 21) }
```

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

```
.background{ background-color: rgb(0, 38,  
21) }
```

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