

Converting Colors

HunterLab(12.8651, -8.5017,
3.5072)

Have a look what the booklet for
HunterLab(12.8651, -8.5017, 3.5072)
contains.

HunterLab(12.9687, -8.6771, 3.6347)	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(12.9687, -8.6771,
3.6347)**

Conversions

Conversions Part 1

Format	Color
Hex	042919
RGB	4, 41, 25
RGB Percent	2%, 16%, 10%
CMY	0.9843, 0.8392, 0.9020
CMYK	0.90, 0.00, 0.39, 0.84
HSL	154°, 82%, 9%
HSV	154°, 90%, 16%
XYZ	1.0185, 1.6819, 1.1907
YIQ	28.1130, -16.9160, -12.8200

Conversions

Conversions Part 2

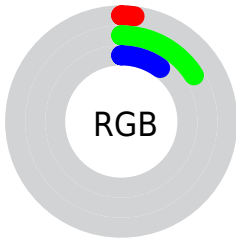
Format	Color
R_{YB}	4, 28, 41
Decimal	272665
CIE Lab	13.72, -17.87, 6.85
CIE LCh	14, 19.142, 159.030
Yxy	1.6819, 0.2618, 0.4322
Android (android.graphics.Color)	4278462745 (0xFF042919)
YUV	28.1130, -1.5347, -21.1471
Hunter-Lab	12.9687, -8.6771, 3.6347

Details

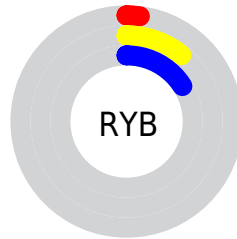
The HunterLab color **12.9687, -8.6771, 3.6347** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **7.8025, 11.1489, -0.0264**, and the grayscale version is **10.8193, -0.5773, 0.5878**.

A 20% lighter version of the original color is **28.1280, -12.6269, 5.5837**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.8409, -9.2609, 3.9416**, and if you desaturate by 10%, it is **13.1007, -8.0805, 3.3004**.

Distribution



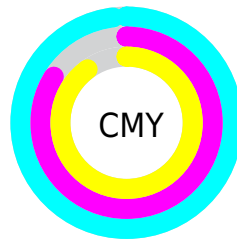
- Red (2%)
- Green (16%)
- Blue (10%)



- Red (2%)
- Yellow (11%)
- Blue (16%)



- Cyan (90%)
- Magenta (0%)
- Yellow (39%)
- Black (84%)



- Cyan (98%)
- Magenta (84%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.9687, -8.6771, 3.6347 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 12.9687, -8.6771, 3.6347 by changing the saturation by 10% instead.

■ 12.9687, -8.6771,
3.6347

■ 12.9687, -8.6771,
3.6347

■ 104.8498,
-23.4515, 12.2252

■ 6.4181, -11.2317,
4.4927

■ 28.0622, -12.4450,
5.5327

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.9404, -14.1426,
6.4608

0.0000, NaN, NaN

■ 46.5969, -15.7723,
7.3917

0.0000, NaN, NaN

■ 56.9732, -17.3555,
8.3309

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 68.0226, -18.9066,
9.2821


0.0000, NaN, NaN


■ 79.7062, -20.4352,


0.0000, NaN, NaN


10.2473


 91.9913, -21.9484,
11.2281


 12.9687, -8.6771,
3.6347


 12.9687, -8.6771,
3.6347


 12.8409, -9.2609,
3.9416

 13.1007, -8.0805,
3.3004

 13.2364, -7.4719,
2.9494

 13.3945, -6.7790,
2.6028

 13.5782, -5.9931,
2.2662

 13.7878, -5.1176,
1.9423

■ 14.0234, -4.1571,
1.6334

■ 14.2847, -3.1171,
1.3415

■ 14.5715, -2.0039,
1.0683

■ 14.8833, -0.8240,
0.8150

Harmonies

Analogous

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



12.9690, -6.3376, 6.2697



12.9687, -8.6771, 3.6347



12.9690, -9.0667, -0.8547

Triad

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



12.9690, -8.6772, 3.6348



12.9690, 0.8919, -12.3990



12.9690, 7.8927, 5.3698

Complementary

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



12.9687, -8.6771, 3.6347



7.8025, 11.1489, -0.0264

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.



12.9690, 10.5562, 2.0939



12.9687, -8.6771, 3.6347



12.9690, 6.1211, -8.9019

Square

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



12.9690, -8.6772, 3.6348



12.9690, -4.0370, -11.4662



12.9690, 9.8618, -3.1207



12.9690, 3.0292, 7.2300

Rectangle

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



12.9687, -8.6771, 3.6347



12.9690, -8.2389, -4.7222



12.9690, 9.8618, -3.1207



12.9690, 9.1069, 4.4835

Sweetspot

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



12.9690, -8.6772, 3.6348



17.9928, -5.1223, 2.0315



13.2052, -8.1851, 7.4779



10.1918, -2.8948, 1.1487



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



12.9690, -8.6772, 3.6348



16.4085, -11.9869, 5.3671



12.6750, -5.8360, -2.1053



8.3393, -0.9907, 0.5744



25.6425, -19.0449, 9.0617



69.4775, -52.5935, 26.6934

Inverse Universe

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



7.8025, 11.1489, -0.0264



9.1344, 16.3271, 0.5991



7.8777, 9.0222, 4.1476



8.0323, 0.1329, 0.3237



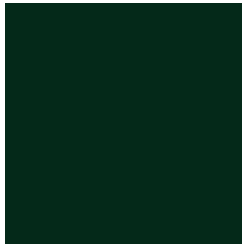
14.2180, 25.2615, 2.1123



38.3530, 67.6738, 9.3326

Previews

White Background



This preview shows how the HunterLab color 12.9687, -8.6771, 3.6347 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

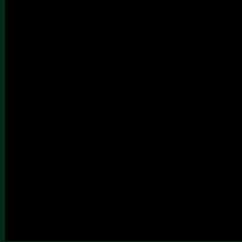
Any Text WCAG AA × Fail

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 12.9687, -8.6771, 3.6347 Background



This preview shows how black text looks on a background with the HunterLab color 12.9687, -8.6771, 3.6347.



This preview shows how white text looks on a background with the HunterLab color 12.9687, -8.6771,

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

12.9687, -8.6771, 3.6347

Protanopia

13.2474, -1.3246, 4.5119

Deuteranopia

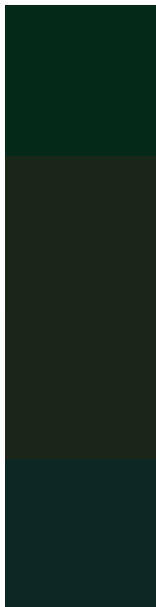
13.0974, 0.5848, 3.3869



Tritanopia

13.1140, -4.7042, -1.9051

Trichromacy



Original Color

12.9687, -8.6771, 3.6347

Protanomaly

12.9298, -4.9012, 3.9188

Deuteranomaly

12.8242, -3.9730, 3.3144

Tritanomaly

13.1000, -6.3663, 0.4066

Monochromacy



Original Color

12.9687, -8.6771, 3.6347

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

11.4249, -4.2099, 1.5852

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9687, -8.6771, 3.6347 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(4, 41, 25)` looks like.

```
.text, #text, p{  
    color:rgb(4, 41, 25)  
}
```

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(4, 41, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 41, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9687, -8.6771, 3.6347 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(4, 41, 25) }
```


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

```
.border{ border-color:rgb(4, 41, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 41, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 41, 25); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 41, 25); box-shadow:4px  
4px 4px 4px rgb(4, 41, 25) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.9687, -8.6771, 3.6347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 41, 25) }
```

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

```
.background{ background-color: rgb(4, 41,  
25) }
```

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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