

Converting Colors

HunterLab(12.8538, -8.7985,
2.9275)

Have a look what the booklet for
HunterLab(12.8538, -8.7985, 2.9275)
contains.

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Color

**HunterLab(12.9035, -8.8754,
3.0312)**

Conversions

Conversions Part 1

Format	Color
Hex	00291B
RGB	0, 41, 27
RGB Percent	0%, 16%, 11%
CMY	1.0000, 0.8392, 0.8941
CMYK	1.00, 0.00, 0.34, 0.84
HSL	160°, 100%, 8%
HSV	160°, 100%, 16%
XYZ	0.9908, 1.6650, 1.3061
YIQ	27.1450, -19.9420, -13.0460

Conversions

Conversions Part 2

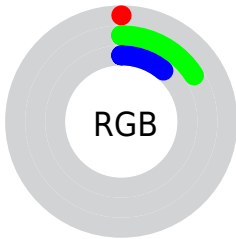
Format	Color
RYB	0, 25, 41
Decimal	10523
CIELab	13.62, -18.45, 5.29
CIELCh	14, 19.195, 164.009
Yxy	1.6651, 0.2501, 0.4203
Android (android.graphics.Color)	4278200603 (0xFF00291B)
YUV	27.1450, -0.0715, -23.8062
Hunter-Lab	12.9035, -8.8754, 3.0312

Details

The HunterLab color **12.9035, -8.8754, 3.0312** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **7.0934, 12.5940, 1.1184**, and the grayscale version is **10.5183, -0.5612, 0.5715**.

A 20% lighter version of the original color is **28.0409, -12.8764, 4.8016**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.9037, -8.8756, 3.0314**, and if you desaturate by 10%, it is **13.0314, -8.3027, 2.7709**.

Distribution



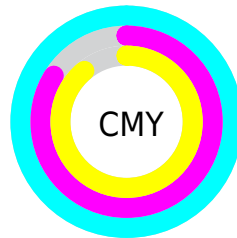
- Red (0%)
- Green (16%)
- Blue (11%)



- Red (0%)
- Yellow (10%)
- Blue (16%)



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (84%)



- Cyan (100%)
- Magenta (84%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.9035, -8.8754, 3.0312 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 12.9035, -8.8754, 3.0312 by changing the saturation by 10% instead.

■ 12.9035, -8.8754,
3.0312

■ 12.9035, -8.8754,
3.0312

■ 104.7189,
-23.9936, 10.7679

■ 6.3315, -11.0802,
3.8066

■ 27.9778, -12.7504,
4.6693

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.8480, -14.4909,
5.4912

0.0000, NaN, NaN

■ 46.4970, -16.1592,
6.3258

0.0000, NaN, NaN

■ 56.8664, -17.7778,
7.1765

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 67.9092, -19.3616,
8.0451


0.0000, NaN, NaN


■ 79.5867, -20.9209,


0.0000, NaN, NaN


8.9329


 91.8660, -22.4630,
9.8404


 12.9035, -8.8754,
3.0312


 12.9035, -8.8754,
3.0312


 12.9037, -8.8756,
3.0314

 13.0314, -8.3027,
2.7709

 13.1589, -7.7346,
2.4987

 13.2901, -7.1565,
2.2188

 13.4433, -6.4966,
1.9527

 13.6215, -5.7472,
1.7054

■ 13.8250, -4.9111,
1.4790

■ 14.0539, -3.9924,
1.2751

■ 14.3082, -2.9961,
1.0950

■ 14.5874, -1.9281,
0.9395

Harmonies

Analogous

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



12.9038, -6.8578, 5.9234



12.9035, -8.8754, 3.0312



12.9038, -8.9401, -1.7846

Triad

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



12.9038, -8.8755, 3.0313



12.9038, 1.7891, -12.1388



12.9038, 7.2081, 5.7726

Complementary

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



12.9035, -8.8754, 3.0312



7.0934, 12.5940, 1.1184

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.



12.9038, 10.3567, 2.7756



12.9035, -8.8754, 3.0312



12.9038, 6.9126, -8.0441

Square

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



12.9038, -8.8755, 3.0313



12.9038, -3.2983, -11.9826



12.9038, 10.2408, -2.1624



12.9038, 2.1452, 7.4161

Rectangle

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



12.9035, -8.8754, 3.0312



12.9038, -7.8966, -5.7332



12.9038, 10.2408, -2.1624



12.9038, 8.5584, 4.9374

Sweetspot

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



12.9038, -8.8755, 3.0313



17.9246, -5.3407, 1.6791



12.9697, -9.2153, 7.8304



10.1464, -3.0455, 0.9553



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

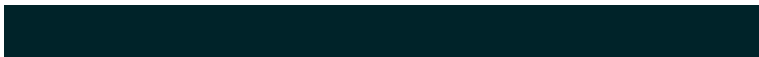
The Same Dimension uses a secret algorithm to generate beautiful new colors.



12.9038, -8.8755, 3.0313



16.4911, -11.4800, 4.1696



11.6336, -5.0627, -3.6118



8.3432, -0.9691, 0.5188



25.7756, -18.2267, 7.1290



69.8479, -50.3105, 21.3021

Inverse Universe

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



7.0934, 12.5940, 1.1184



9.0360, 15.9681, 2.0116



7.7779, 8.9079, 4.9485



8.0283, 0.1114, 0.3803



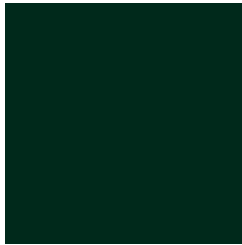
14.0682, 24.7135, 4.2747



37.9691, 66.2648, 14.9101

Previews

White Background



This preview shows how the HunterLab color 12.9035, -8.8754, 3.0312 looks on a white background.

Color Contrast Check

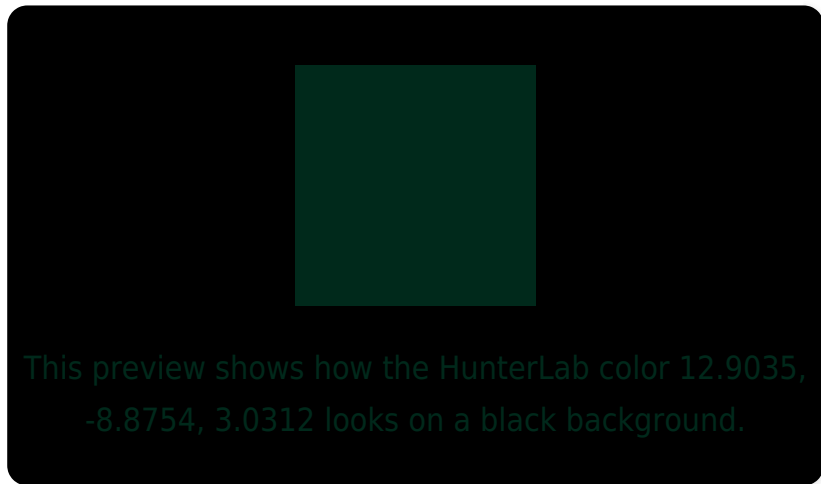
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.9035, -8.8754, 3.0312 Background



This preview shows how black text looks on a background with the HunterLab color 12.9035, -8.8754, 3.0312.



This preview shows how white text looks on a background with the HunterLab color 12.9035, -8.8754,

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

12.9035, -8.8754, 3.0312

Protanopia

13.2788, -1.1514, 4.0557

Deuteranopia

13.1339, 0.7810, 2.8594



Tritanopia

13.0827, -4.8227, -1.9501

Trichromacy



Original Color

12.9035, -8.8754, 3.0312

Protanomaly

12.9131, -4.8978, 3.3841

Deuteranomaly

12.8062, -3.9679, 2.7353

Tritanomaly

13.0738, -6.4217, 0.0061

Monochromacy



Original Color

12.9035, -8.8754, 3.0312

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

11.0965, -4.2093, 1.2236

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9035, -8.8754, 3.0312 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, 41, 27)` looks like.

```
.text, #text, p{  
    color:rgb(0, 41, 27)  
}
```

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, 41, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 41, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9035, -8.8754, 3.0312 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, 41, 27) }
```


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

```
.border{ border-color:rgb(0, 41, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 41, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 41, 27); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 41, 27); box-shadow:4px  
4px 4px 4px rgb(0, 41, 27) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.9035, -8.8754, 3.0312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 41, 27) }
```

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

```
.background{ background-color: rgb(0, 41,  
27) }
```

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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