

Converting Colors

HunterLab(12.8972, -5.8706,
-0.0723)

Have a look what the booklet for
HunterLab(12.8972, -5.8706,
-0.0723) contains.

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Color

**HunterLab(12.8949, -5.8015,
-0.2035)**

Conversions

Conversions Part 1

Format	Color
Hex	0C2725
RGB	12, 39, 37
RGB Percent	5%, 15%, 15%
CMY	0.9529, 0.8471, 0.8549
CMYK	0.69, 0.00, 0.05, 0.85
HSL	176°, 53%, 10%
HSV	176°, 69%, 15%
XYZ	1.2111, 1.6628, 2.0074
YIQ	30.6990, -15.4500, -6.3460

Conversions

Conversions Part 2

Format	Color
RYB	12, 26, 39
Decimal	796453
CIELab	13.61, -10.84, -1.79
CIElCh	14, 10.982, 189.365
Yxy	1.6628, 0.2481, 0.3406
Android (android.graphics.Color)	4278986533 (0xFF0C2725)
YUV	30.6990, 3.1064, -16.3990
Hunter-Lab	12.8949, -5.8015, -0.2035

Details

The HunterLab color **12.8949, -5.8015, -0.2035** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8.5208, 7.0324, 2.4823**, and the grayscale version is **11.6062, -0.6193, 0.6306**.

A 20% lighter version of the original color is **27.9637, -8.2071, 0.1623**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.7873, -6.2357, -0.2354**, and if you desaturate by 10%, it is **13.0223, -5.2977, -0.1464**.

Distribution



- Red (5%)
- Green (15%)
- Blue (15%)



- Red (5%)
- Yellow (10%)
- Blue (15%)



- Cyan (69%)
- Magenta (0%)
- Yellow (5%)
- Black (85%)



- Cyan (95%)
- Magenta (85%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.8949, -5.8015, -0.2035 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 12.8949, -5.8015, -0.2035 by changing the saturation by 10% instead.

■ 12.8949, -5.8015,
-0.2035

■ 12.8949, -5.8015,
-0.2035

■ 104.7016,
-16.5589, 3.9267

■ 6.3200, -7.8084,
-0.8281

■ 27.9667, -8.3476,
0.3668

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.8358, -9.5455,
0.7429

0.0000, NaN, NaN

■ 46.4838, -10.7223,
1.1697

0.0000, NaN, NaN

■ 56.8523, -11.8886,
1.6423

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.8943, -13.0514,
2.1570

0.0000, NaN, NaN

■ 79.5709, -14.2153,

0.0000, NaN, NaN

2.7109

■ 91.8494, -15.3837,
3.3015

■ 12.8949, -5.8015,
-0.2035

■ 12.8949, -5.8015,
-0.2035

■ 12.7873, -6.2357,
-0.2354

■ 13.0223, -5.2977,
-0.1464

■ 12.6814, -6.6660,
-0.2651

■ 13.1719, -4.7140,
-0.0605

■ 12.5747, -7.1037,
-0.2961

■ 13.3444, -4.0520,
0.0543

■ 12.5665, -7.1378,
-0.2986

■ 13.5401, -3.3143,
0.1977

■ 13.7590, -2.5043,
0.3692

■ 14.0008, -1.6264,
0.5677

■ 14.2653, -0.6852,
0.7921

■ 14.5521, 0.3140,
1.0410

■ 14.8606, 1.3662,
1.3128

Harmonies

Analogous

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



12.8951, -5.5601, 2.4554



12.8949, -5.8015, -0.2035



12.8951, -4.7712, -3.1919

Triad

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



12.8951, -5.8016, -0.2033



12.8951, 3.0926, -4.1809



12.8951, 1.3626, 4.7884

Complementary

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



12.8949, -5.8015, -0.2035



8.5208, 7.0324, 2.4823

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.



12.8951, 3.9747, 3.6658



12.8949, -5.8015, -0.2035



12.8951, 5.0339, -1.3386

Square

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



12.8951, -5.8016, -0.2033



12.8951, 0.2433, -5.8040



12.8951, 5.3704, 1.5459



12.8951, -1.5950, 4.9678

Rectangle

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



12.8949, -5.8015, -0.2035



12.8951, -3.4423, -4.8294



12.8951, 5.3704, 1.5459



12.8951, 2.3172, 4.5218

Sweetspot

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



12.8951, -5.8016, -0.2033



17.4834, -3.5360, 0.3985



12.5421, -8.0446, 5.9430



9.6273, -1.9187, 0.2250



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.



12.8951, -5.8016, -0.2033



16.2354, -8.3684, -0.3004



10.2148, -1.6726, -4.8766



8.3549, -0.9047, 0.3529



26.2922, -15.0932, -0.2810



71.3416, -41.2385, -0.1487

Inverse Universe

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



8.5208, 7.0324, 2.4823



9.5817, 11.6328, 3.9938



10.3958, 2.6612, 4.4684



8.0168, 0.0491, 0.5445



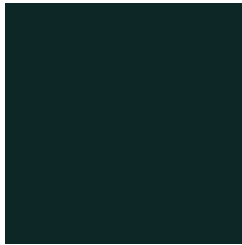
13.8037, 23.7382, 8.1524



37.3919, 64.1323, 23.4059

Previews

White Background



This preview shows how the HunterLab color 12.8949, -5.8015, -0.2035 looks on a white background.

Color Contrast Check

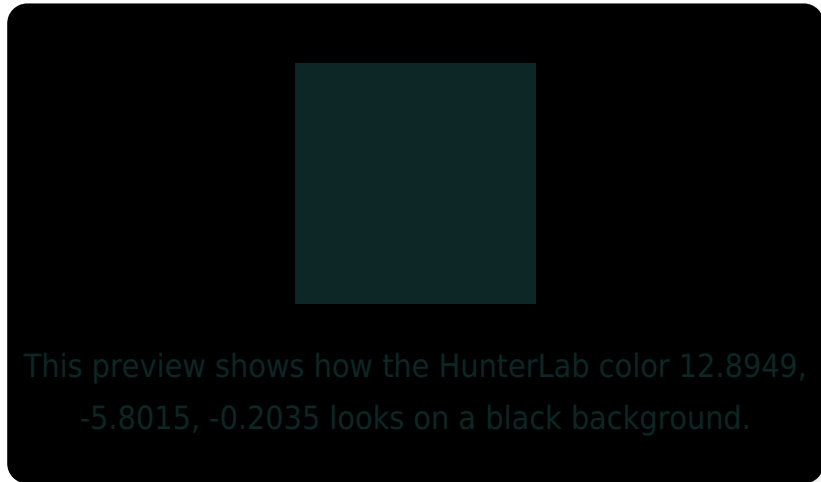
Large Text (above 18pt) WCAG AA ✓ Pass

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

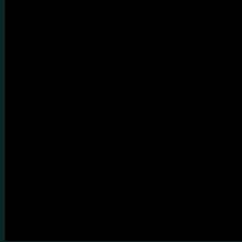
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

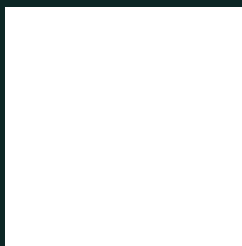
Any Text WCAG AAA × Fail

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

HunterLab 12.8949, -5.8015, -0.2035 Background



This preview shows how black text looks on a background with the HunterLab color 12.8949, -5.8015, -0.2035.



This preview shows how white text looks on a background with the HunterLab color 12.8949, -5.8015, -0.2035.

-0.2035.

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

12.8949, -5.8015, -0.2035

Protanopia

13.0326, -0.4550, 0.7887

Deuteranopia

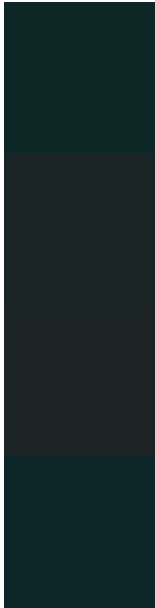
12.9511, 0.5569, -0.4046



Tritanopia

12.8050, -4.6431, -1.9043

Trichromacy



Original Color

12.8949, -5.8015, -0.2035

Protanomaly

12.7363, -2.6492, 0.0319

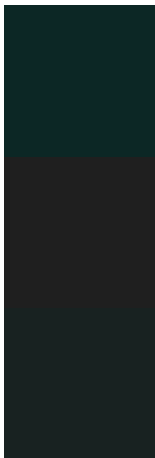
Deuteranomaly

12.8397, -2.1775, -0.5940

Tritanomaly

12.7475, -4.9154, -1.5681

Monochromacy



Original Color

12.8949, -5.8015, -0.2035

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

12.0335, -2.9137, 0.2747

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.8949, -5.8015, -0.2035 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(12, 39, 37)` looks like.

```
.text, #text, p{  
  color:rgb(12, 39, 37)  
}
```

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(12, 39, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 39, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 12.8949, -5.8015, -0.2035 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(12, 39, 37) }
```


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

```
.border{ border-color:rgb(12, 39, 37) }
```

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

Here you see how a box with a 4 pixel rgb(12, 39, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 39, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 39, 37);  
box-shadow:4px 4px 4px 4px rgb(12, 39, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.8949, -5.8015, -0.2035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 39, 37) }
```

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

```
.background{ background-color: rgb(12, 39,  
37) }
```

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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