

Converting Colors

HunterLab(12.8709, -8.6648,
4.9231)

Have a look what the booklet for
HunterLab(12.8709, -8.6648, 4.9231)
contains.

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Color

**HunterLab(12.9789, -8.8139,
5.0288)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 082913 |
| RGB | 8, 41, 19 |
| RGB Percent | 3%, 16%, 7% |
| CMY | 0.9686, 0.8392, 0.9255 |
| CMYK | 0.80, 0.00, 0.54, 0.84 |
| HSL | 140°, 67%, 10% |
| HSV | 140°, 80%, 16% |
| XYZ | 1.0106, 1.6845, 0.8880 |
| YIQ | 28.6250, -12.6060, -13.8380 |

Conversions

Conversions Part 2

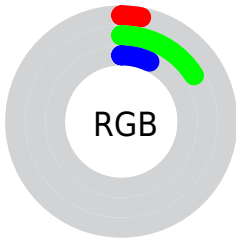
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 8, 33, 41 |
| Decimal | 534803 |
| CIE _{Lab} | 13.74, -18.22, 10.98 |
| CIE _{LCh} | 14, 21.278, 148.928 |
| Yxy | 1.6846, 0.2821, 0.4701 |
| Android (android.graphics.Color) | 4278724883 (0xFF082913) |
| YUV | 28.6250, -4.7451, -18.0881 |
| Hunter-Lab | 12.9789, -8.8139, 5.0288 |

Details

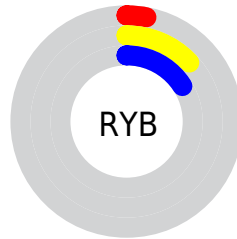
The HunterLab color **12.9789, -8.8139, 5.0288** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8.5957, 10.6181, -2.9902**, and the grayscale version is **10.9858, -0.5862, 0.5969**.

A 20% lighter version of the original color is **28.1737, -12.7355, 7.8467**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.8426, -9.4466, 5.4364**, and if you desaturate by 10%, it is **13.1215, -8.1583, 4.5732**.

Distribution



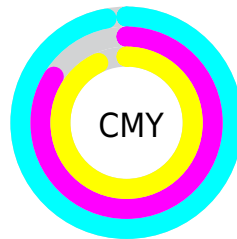
- Red (3%)
- Green (16%)
- Blue (7%)



- Red (3%)
- Yellow (13%)
- Blue (16%)



- Cyan (80%)
- Magenta (0%)
- Yellow (54%)
- Black (84%)



- Cyan (97%)
- Magenta (84%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.9789, -8.8139, 5.0288 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 12.9789, -8.8139, 5.0288 by changing the saturation by 10% instead.

■ 12.9789, -8.8139,
5.0288

■ 12.9789, -8.8139,
5.0288

■ 104.8703,
-23.7921, 15.9481

■ 6.4316, -11.2552,
4.5021

■ 28.0754, -12.6440,
7.6379

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.9549, -14.3670,
8.8581

0.0000, NaN, NaN

■ 46.6125, -16.0196,
10.0525

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.9900, -17.6240,
11.2334

0.0000, NaN, NaN


■ 68.0403, -19.1947,
12.4088


0.0000, NaN, NaN


■ 79.7249, -20.7418,


0.0000, NaN, NaN


13.5840


 92.0109, -22.2724,
14.7629


 12.9789, -8.8139,
5.0288


 12.9789, -8.8139,
5.0288


 12.8426, -9.4466,
5.4364


 13.1215, -8.1583,
4.5732

 12.7152, -10.0382,
5.7768

 13.2883, -7.4054,
4.0881

 13.4830, -6.5463,
3.5801

 13.7058, -5.5857,
3.0532

 13.9567, -4.5293,
2.5115

■ 14.2354, -3.3843,
1.9591

■ 14.5415, -2.1584,
1.3996

■ 14.8743, -0.8596,
0.8365

■ 15.2330, 0.5041,
0.2730

Harmonies

Analogous

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



12.9792, -5.5833, 7.4693



12.9789, -8.8139, 5.0288



12.9792, -9.9387, 0.9002

Triad

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



12.9792, -8.8141, 5.0289



12.9792, -0.8978, -14.6507



12.9792, 10.3672, 4.8087

Complementary

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



12.9789, -8.8139, 5.0288



8.5957, 10.6181, -2.9902

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.



12.9792, 12.1921, 0.5098



12.9789, -8.8139, 5.0288



12.9792, 5.0488, -12.1423

Square

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



12.9792, -8.8141, 5.0289



12.9792, -5.8822, -11.7816



12.9792, 10.0988, -5.9134



12.9792, 5.4656, 7.3421

Rectangle

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



12.9789, -8.8139, 5.0288



12.9792, -9.5232, -3.1535



12.9792, 10.0988, -5.9134



12.9792, 11.3947, 3.6554

Sweetspot

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



12.9792, -8.8141, 5.0289



18.0311, -5.0821, 2.8643



13.7095, -6.1248, 7.3469



10.2034, -2.9132, 1.6391



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.



12.9792, -8.8141, 5.0289



16.2903, -12.7810, 7.5848



13.2737, -7.0383, 0.7780



8.3294, -1.0457, 0.7160



25.3930, -20.5924, 12.7141



68.8196, -56.6827, 36.3432

Inverse Universe

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



8.5957, 10.6181, -2.9902



9.6725, 16.9696, -4.0897



8.2188, 9.0134, 2.3516



8.0427, 0.1889, 0.1761



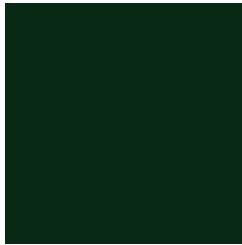
14.7589, 27.2162, -5.5107



39.8386, 73.0594, -11.7336

Previews

White Background



This preview shows how the HunterLab color 12.9789, -8.8139, 5.0288 looks on a white background.

Color Contrast Check

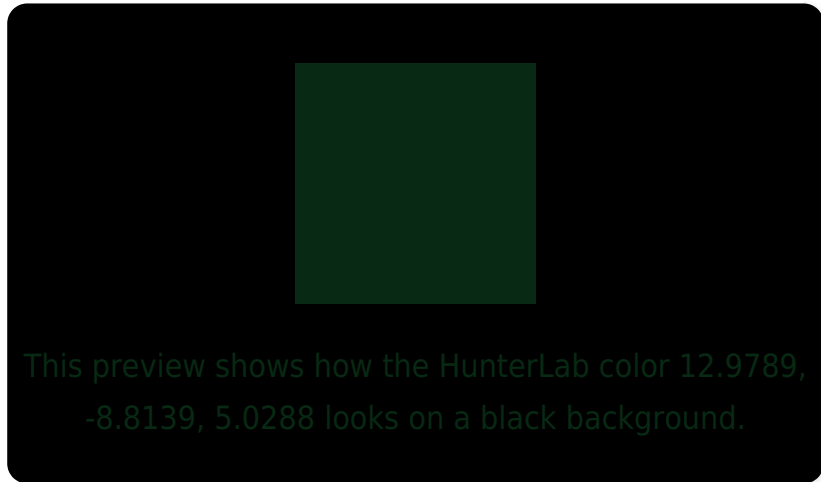
Large Text (above 18pt) WCAG AA ✓ Pass

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

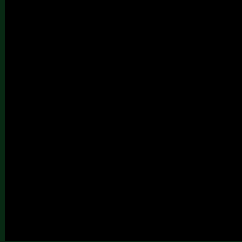
Any Text WCAG AA × Fail

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 12.9789, -8.8139, 5.0288 Background



This preview shows how black text looks on a background with the HunterLab color 12.9789, -8.8139, 5.0288.



This preview shows how white text looks on a background with the HunterLab color 12.9789, -8.8139,

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

12.9789, -8.8139, 5.0288

Protanopia

12.9378, -1.4092, 5.5173

Deuteranopia

13.0835, 0.3468, 4.8530



Tritanopia

13.1810, -4.4514, -1.8090

Trichromacy



Original Color

12.9789, -8.8139, 5.0288

Protanomaly

12.7031, -4.6709, 5.0748

Deuteranomaly

12.8439, -4.0867, 4.7877

Tritanomaly

13.1394, -6.3029, 1.1572

Monochromacy



Original Color

12.9789, -8.8139, 5.0288

Achromatopsia

11.0844, -0.5914, 0.6022

Achromatomaly

11.4775, -4.0889, 2.2498

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9789, -8.8139, 5.0288 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(8, 41, 19)` looks like.

```
.text, #text, p{  
    color:rgb(8, 41, 19)  
}
```

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(8, 41, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 41, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9789, -8.8139, 5.0288 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(8, 41, 19) }
```


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

```
.border{ border-color:rgb(8, 41, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 41, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 41, 19); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 41, 19); box-shadow:4px  
4px 4px 4px rgb(8, 41, 19) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.9789, -8.8139, 5.0288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 41, 19) }
```

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

```
.background{ background-color: rgb(8, 41,  
19) }
```

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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