

Converting Colors

HunterLab(12.0789, -0.1854,
0.3890)

Have a look what the booklet for
HunterLab(12.0789, -0.1854, 0.3890)
contains.

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Color

**HunterLab(12.1085, -0.2829,
0.4109)**

Conversions

Conversions Part 1

Format	Color
Hex	212021
RGB	33, 32, 33
RGB Percent	13%, 13%, 13%
CMY	0.8706, 0.8745, 0.8706
CMYK	0.00, 0.03, 0.00, 0.87
HSL	300°, 2%, 13%
HSV	300°, 3%, 13%
XYZ	1.4182, 1.4662, 1.6471
YIQ	32.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

Format	Color
RYB	33, 32, 33
Decimal	2170913
CIELab	12.39, 0.72, -0.51
CIElCh	12, 0.882, 324.479
Yxy	1.4662, 0.3130, 0.3236
Android (android.graphics.Color)	4280360993 (0xFF212021)
YUV	32.4130, 0.2894, 0.5148
Hunter-Lab	12.1085, -0.2829, 0.4109

Details

The HunterLab color **12.1085, -0.2829, 0.4109** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12.2438, -1.0122, 0.9093**, and the grayscale version is **12.1471, -0.6481, 0.6600**.

A 20% lighter version of the original color is **26.9861, -1.0261, 1.1848**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.3898, 0.9708, -0.4546**, and if you desaturate by 10%, it is **12.8569, -1.5124, 1.2605**.

Distribution



Red (13%)

Green (13%)

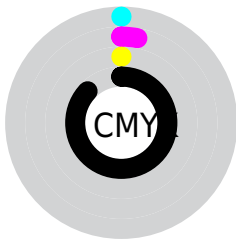
Blue (13%)



Red (13%)

Yellow (13%)

Blue (13%)



Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (87%)



Cyan (87%)

Magenta (87%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.1085, -0.2829, 0.4109 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 12.1085, -0.2829, 0.4109 by changing the saturation by 10% instead.

■ 12.1085, -0.2829,
0.4109

■ 12.1085, -0.2829,
0.4109

103.1086, -4.7680,
5.1100

■ 5.1456, 0.3329,
-0.1326

■ 26.9444, -0.9656,
1.1443

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.7141, -1.3877,
1.5902

0.0000, NaN, NaN

■ 45.2708, -1.8556,
2.0816

0.0000, NaN, NaN

■ 55.5543, -2.3654,
2.6146

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.5166, -2.9138,
3.1862

0.0000, NaN, NaN

■ 78.1179, -3.4984,

0.0000, NaN, NaN

3.7939

■ 90.3248, -4.1171,
4.4357

■ 12.1085, -0.2829,
0.4109

■ 12.1085, -0.2829,
0.4109

■ 11.3898, 0.9708,
-0.4546

■ 12.8569, -1.5124,
1.2605

■ 10.7036, 2.2476,
-1.3353

■ 13.6313, -2.7168,
2.0936

■ 10.0540, 3.5429,
-2.2279

■ 14.4294, -3.8974,
2.9108

■ 9.4455, 4.8483,
-3.1266

■ 15.2489, -5.0557,
3.7133

■ 8.8832, 6.1501,
-4.0221

■ 16.0881, -6.1937,
4.5023

■ 8.3725, 7.4279,
-4.9002

■ 16.9452, -7.3132,
5.2791

■ 7.9143, 8.6663,
-5.7507

■ 17.8189, -8.4162,
6.0450

■ 7.4480, 10.0337,
-6.6890

■ 18.7079, -9.5047,
6.8013

■ 6.9504, 11.6358,
-7.7875

■ 19.6112, -10.5803,
7.5490

Harmonies

Analogous

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



12.1088, -0.4622, 0.2683



12.1085, -0.2829, 0.4109



12.1088, -0.2016, 0.6184

Triad

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



12.1088, -0.2832, 0.4111



12.1088, -0.6040, 1.0721



12.1088, -1.0483, 0.4828

Complementary

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



12.1085, -0.2829, 0.4109



12.2438, -1.0122, 0.9093

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.



12.1088, -1.0856, 0.6997



12.1085, -0.2829, 0.4109



12.1088, -0.8302, 1.0373

Square

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



12.1088, -0.2832, 0.4111



12.1088, -0.3877, 0.9979



12.1088, -1.0061, 0.9020



12.1088, -0.9037, 0.3102

Rectangle

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



12.1085, -0.2829, 0.4109



12.1088, -0.2138, 0.7643



12.1088, -1.0061, 0.9020



12.1088, -1.0737, 0.5530

Sweetspot

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



12.1088, -0.2832, 0.4111



15.5560, -0.6665, 0.7340



12.0452, -0.5220, 0.3306



9.1923, -0.4112, 0.4455



55.4075, -2.9564, 3.0104



9.2414, -0.4931, 0.5021

Same Dimension

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



12.1088, -0.2832, 0.4111



15.2545, -0.1577, 0.3825



12.0977, -0.3437, 0.5693



6.8418, -0.1121, 0.1997



14.9319, 29.3567, -19.6947



42.0517, 82.6752, -55.4648

Inverse Universe

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



12.0860, -0.4075, 0.7362



15.2133, -0.3822, 0.9705



12.2546, -0.9528, 0.7551



6.8259, -0.1987, 0.4263



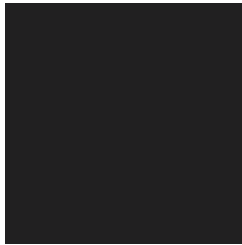
12.9012, 22.0937, 8.3364



36.3327, 62.2209, 23.4773

Previews

White Background



This preview shows how the HunterLab color 12.1085, -0.2829, 0.4109 looks on a white background.

Color Contrast Check

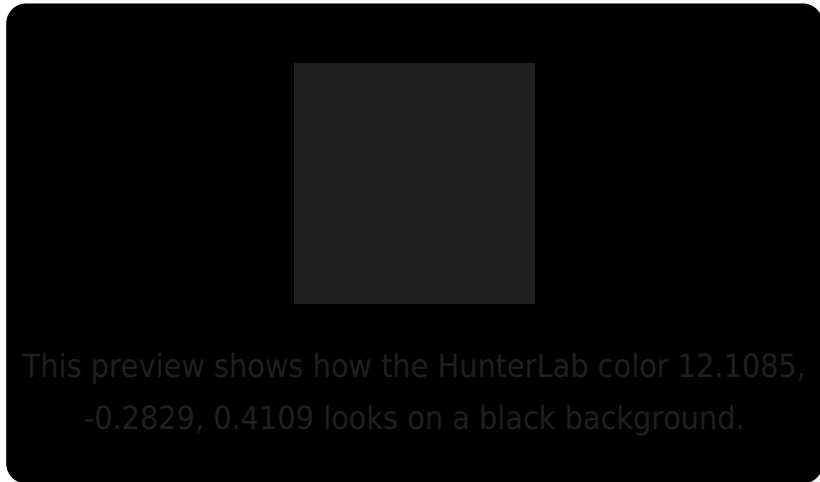
Large Text (above 18pt) WCAG AA ✓ Pass

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

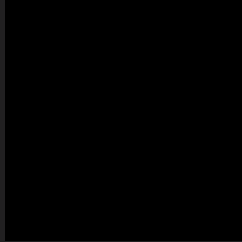
Any Text WCAG AA × Fail

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 12.1085, -0.2829, 0.4109 Background



This preview shows how black text looks on a background with the HunterLab color 12.1085, -0.2829, 0.4109.



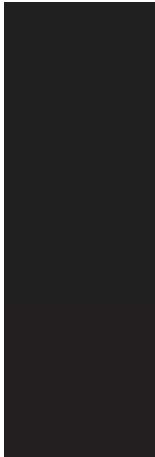
This preview shows how white text looks on a background with the HunterLab color 12.1085, -0.2829,

0.4109.

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

12.1085, -0.2829, 0.4109

Protanopia

12.1085, -0.2829, 0.4109

Deuteranopia

12.0296, 0.5773, 0.3311



Tritanopia

12.1320, -0.1552, 0.0770

Trichromacy



Original Color

12.1085, -0.2829, 0.4109

Protanomaly

12.1085, -0.2829, 0.4109

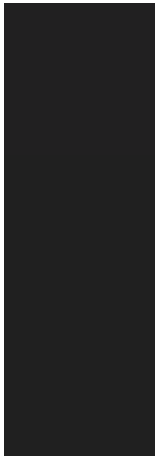
Deuteranomaly

11.9577, 0.3338, 0.2399

Tritanomaly

12.1320, -0.1552, 0.0770

Monochromacy



Original Color

12.1085, -0.2829, 0.4109

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

12.0183, -0.6413, 0.6530

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.1085, -0.2829, 0.4109 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(33, 32, 33)` looks like.

```
.text, #text, p{  
    color:rgb(33, 32, 33)  
}
```

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(33, 32, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 32, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 12.1085, -0.2829, 0.4109 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(33, 32, 33) }
```


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

```
.border{ border-color:rgb(33, 32, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 32, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 32, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 32, 33);  
box-shadow:4px 4px 4px 4px rgb(33, 32, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.1085, -0.2829, 0.4109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 32, 33) }
```

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

```
.background{ background-color: rgb(33, 32,  
33) }
```

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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