

Converting Colors

HunterLab(12.8740, -1.8810,
0.9085)

Have a look what the booklet for
HunterLab(12.8740, -1.8810, 0.9085)
contains.

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Color

**HunterLab(12.9172, -2.0887,
0.9766)**

Conversions

Conversions Part 1

Format	Color
Hex	1F2422
RGB	31, 36, 34
RGB Percent	12%, 14%, 13%
CMY	0.8784, 0.8588, 0.8667
CMYK	0.14, 0.00, 0.06, 0.86
HSL	156°, 7%, 13%
HSV	156°, 14%, 14%
XYZ	1.4847, 1.6685, 1.7572
YIQ	34.2770, -2.3380, -1.6820

Conversions

Conversions Part 2

Format	Color
RYB	31, 34, 36
Decimal	2040866
CIELab	13.64, -2.78, 0.57
CIELCh	14, 2.836, 168.501
Yxy	1.6686, 0.3024, 0.3398
Android (android.graphics.Color)	4280230946 (0xFF1F2422)
YUV	34.2770, -0.1366, -2.8739
Hunter-Lab	12.9172, -2.0887, 0.9766

Details

The HunterLab color **12.9172, -2.0887, 0.9766** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12.1032, 0.8251, 0.4236**, and the grayscale version is **12.7364, -0.6796, 0.6920**.

A 20% lighter version of the original color is **27.8985, -3.1042, 1.8186**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.6794, -3.0155, 1.1821**, and if you desaturate by 10%, it is **13.1764, -1.1055, 0.7895**.

Distribution



Red (12%)

Green (14%)

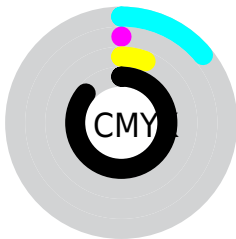
Blue (13%)



Red (12%)

Yellow (13%)

Blue (14%)

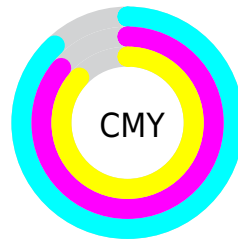


Cyan (14%)

Magenta (0%)

Yellow (6%)

Black (86%)



Cyan (88%)

Magenta (86%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.9172, -2.0887, 0.9766 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 12.9172, -2.0887, 0.9766 by changing the saturation by 10% instead.

■ 12.9172, -2.0887,
0.9766

■ 12.9172, -2.0887,
0.9766

104.7465, -8.4519,
6.2560

■ 6.3499, -2.2460,
0.7147

■ 27.9955, -3.3218,
1.8796

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.8674, -3.9756,
2.3971

0.0000, NaN, NaN

■ 46.5180, -4.6561,
2.9542

0.0000, NaN, NaN

■ 56.8889, -5.3634,
3.5483

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.9331, -6.0971,
4.1772

0.0000, NaN, NaN

■ 79.6118, -6.8569,

0.0000, NaN, NaN

4.8391

■ 91.8923, -7.6420,
5.5325

■ 12.9172, -2.0887,
0.9766

■ 12.9172, -2.0887,
0.9766

■ 12.6794, -3.0155,
1.1821

■ 13.1764, -1.1055,
0.7895

■ 12.4624, -3.8802,
1.4047

■ 13.4556, -0.0705,
0.6209

■ 12.2668, -4.6781,
1.6433

■ 13.7545, 1.0108,
0.4711

■ 12.0926, -5.4053,
1.8965

■ 14.0727, 2.1333,
0.3404

■ 11.9397, -6.0583,
2.1626

■ 14.4094, 3.2920,
0.2286

■ 11.8076, -6.6357,
2.4391

■ 14.7639, 4.4823,
0.1352

■ 11.6826, -7.1897,
2.7100

■ 15.1355, 5.6999,
0.0599

■ 11.5576, -7.7483,
2.9671

■ 15.5235, 6.9409,
0.0021

■ 11.4813, -8.0919,
3.1175

■ 15.9272, 8.2019,
-0.0388

Harmonies

Analogous

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



12.9175, -1.7648, 1.5895



12.9172, -2.0887, 0.9766



12.9175, -2.0448, 0.2549

Triad

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



12.9175, -2.0890, 0.9768



12.9175, -0.2236, -0.6837



12.9175, 0.2912, 1.7002

Complementary

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



12.9172, -2.0887, 0.9766



12.1032, 0.8251, 0.4236

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.



12.9175, 0.7232, 1.1359



12.9172, -2.0887, 0.9766



12.9175, 0.4212, -0.2508

Square

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



12.9175, -2.0890, 0.9768



12.9175, -0.9795, -0.7324



12.9175, 0.7713, 0.4234



12.9175, -0.3978, 1.9907

Rectangle

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



12.9172, -2.0887, 0.9766



12.9175, -1.8122, -0.1912



12.9175, 0.7713, 0.4234



12.9175, 0.4720, 1.5378

Sweetspot

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



12.9175, -2.0890, 0.9768



16.3518, -1.4190, 0.9887



12.9825, -1.9839, 2.0447



9.1596, -0.7988, 0.5545



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.



12.9175, -2.0890, 0.9768



15.9151, -3.0871, 1.3176



12.8663, -1.6795, 0.2071



7.6118, -0.8703, 0.5008



24.8913, -18.1695, 8.1108



68.6601, -51.1182, 24.5304

Inverse Universe

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



12.1032, 0.8251, 0.4236



14.6034, 1.6102, 0.4280



12.1487, 0.4244, 1.1668



7.3447, 0.0850, 0.3191



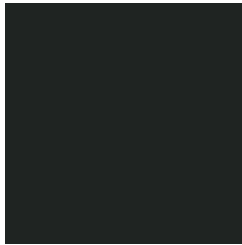
13.7251, 24.2904, 2.7786



37.6890, 66.2277, 11.2991

Previews

White Background



This preview shows how the HunterLab color 12.9172, -2.0887, 0.9766 looks on a white background.

Color Contrast Check

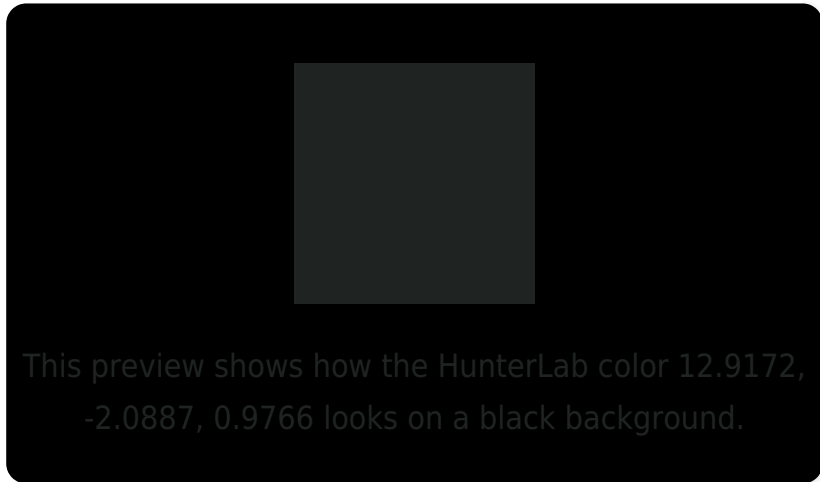
Large Text (above 18pt) WCAG AA ✓ Pass

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

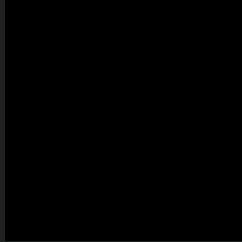
Any Text WCAG AA × Fail

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 12.9172, -2.0887, 0.9766 Background



This preview shows how black text looks on a background with the HunterLab color 12.9172, -2.0887, 0.9766.



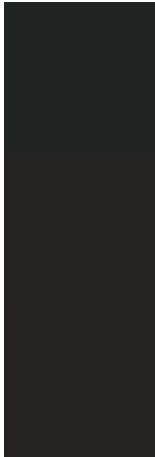
This preview shows how white text looks on a background with the HunterLab color 12.9172, -2.0887,

0.9766.

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

12.9172, -2.0887, 0.9766

Protanopia

12.9882, -0.6976, 1.4229

Deuteranopia

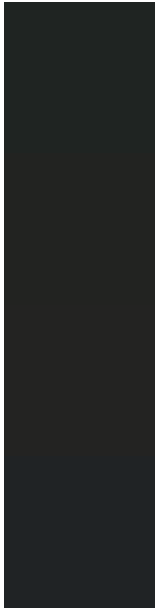
12.9291, 0.2934, 1.0320



Tritanopia

12.8417, -0.9758, -0.5704

Trichromacy



Original Color

12.9172, -2.0887, 0.9766

Protanomaly

12.8528, -1.1711, 1.2620

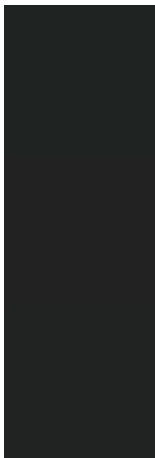
Deuteranomaly

12.9417, -0.8157, 1.0271

Tritanomaly

12.8168, -1.1124, -0.2184

Monochromacy



Original Color

12.9172, -2.0887, 0.9766

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.8097, -1.2785, 0.8662

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9172, -2.0887, 0.9766 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(31, 36, 34)` looks like.

```
.text, #text, p{  
    color:rgb(31, 36, 34)  
}
```

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(31, 36, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 36, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9172, -2.0887, 0.9766 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(31, 36, 34) }
```


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

```
.border{ border-color:rgb(31, 36, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 36, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 36, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 36, 34);  
box-shadow:4px 4px 4px 4px rgb(31, 36, 34)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.9172, -2.0887, 0.9766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 36, 34) }
```

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

```
.background{ background-color: rgb(31, 36,  
34) }
```

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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