

Converting Colors

HunterLab(12.0616, -1.9510,
-3.3697)

Have a look what the booklet for
HunterLab(12.0616, -1.9510,
-3.3697) contains.

HunterLab(12.1270, -2.0991, -3.2736)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(12.1270, -2.0991,
-3.2736)**

Conversions

Conversions Part 1

Format	Color
Hex	15222A
RGB	21, 34, 42
RGB Percent	8%, 13%, 16%
CMY	0.9176, 0.8667, 0.8353
CMYK	0.50, 0.19, 0.00, 0.84
HSL	203°, 33%, 12%
HSV	203°, 50%, 16%
XYZ	1.2992, 1.4706, 2.4059
YIQ	31.0250, -10.3160, -0.2680

Conversions

Conversions Part 2

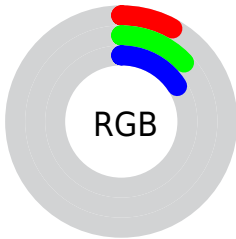
Format	Color
RYB	21, 29, 42
Decimal	1385002
CIELab	12.42, -2.95, -7.12
CIElCh	12, 7.709, 247.490
Yxy	1.4707, 0.2510, 0.2841
Android (android.graphics.Color)	4279575082 (0xFF15222A)
YUV	31.0250, 5.4107, -8.7919
Hunter-Lab	12.1270, -2.0991, -3.2736

Details

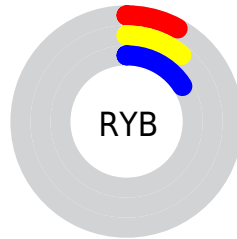
The HunterLab color **12.1270, -2.0991, -3.2736** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **11.9379, 1.9797, 3.8670**, and the grayscale version is **11.6995, -0.6243, 0.6357**.

A 20% lighter version of the original color is **26.9457, -3.2704, -3.2936**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.5726, -2.1607, -4.1295**, and if you desaturate by 10%, it is **12.7048, -1.9644, -2.4283**.

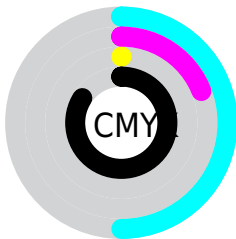
Distribution



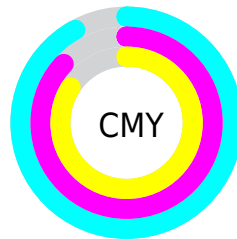
- Red (8%)
- Green (13%)
- Blue (16%)



- Red (8%)
- Yellow (11%)
- Blue (16%)



- Cyan (50%)
- Magenta (19%)
- Yellow (0%)
- Black (84%)



- Cyan (92%)
- Magenta (87%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.1270, -2.0991, -3.2736 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 12.1270, -2.0991, -3.2736 by changing the saturation by 10% instead.

■ 12.1270, -2.0991,
-3.2736

■ 12.1270, -2.0991,
-3.2736

■ 103.1463, -8.5270,
-1.5989

■ 5.1766, -2.7607,
-5.4207

■ 26.9686, -3.3540,
-3.3783

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.7406, -4.0160,
-3.3026

0.0000, NaN, NaN

■ 45.2994, -4.7037,
-3.1566

0.0000, NaN, NaN

■ 55.5850, -5.4174,
-2.9483

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.5492, -6.1570,
-2.6839

0.0000, NaN, NaN

■ 78.1523, -6.9222,

0.0000, NaN, NaN

-2.3683

90.3609, -7.7123,
-2.0055

12.1270, -2.0991,
-3.2736

12.1270, -2.0991,
-3.2736

11.5726, -2.1607,
-4.1295

12.7048, -1.9644,
-2.4283

11.0423, -2.1426,
-4.9949

13.3038, -1.7625,
-1.5954

10.5356, -2.0473,
-5.8712

13.9229, -1.4995,
-0.7752

10.0298, -1.9558,
-6.8028

14.5608, -1.1809,
0.0322

9.5184, -1.8921,
-7.8125

15.2164, -0.8118,
0.8268

■ 9.5183, -1.8921,
-7.8127

■ 15.8884, -0.3971,
1.6092

■ 16.5759, 0.0590,
2.3799

■ 17.2779, 0.5528,
3.1394

■ 17.9936, 1.0809,
3.8886

Harmonies

Analogous

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



12.1272, -3.5783, -1.8109



12.1270, -2.0991, -3.2736



12.1272, -0.1372, -3.6043

Triad

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



12.1272, -2.0992, -3.2734



12.1272, 3.4485, 1.1320



12.1272, -2.9224, 3.2411

Complementary

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



12.1270, -2.0991, -3.2736



11.9379, 1.9797, 3.8670

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.



12.1272, -1.1499, 3.7818



12.1270, -2.0991, -3.2736



12.1272, 2.5906, 2.7005

Square

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



12.1272, -2.0992, -3.2734



12.1272, 3.1531, -0.8413



12.1272, 0.8754, 3.6015



12.1272, -4.0314, 1.9912

Rectangle

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



12.1270, -2.0991, -3.2736



12.1272, 1.1978, -3.0963



12.1272, 0.8754, 3.6015



12.1272, -2.3891, 3.5017

Sweetspot

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



12.1272, -2.0992, -3.2734



17.7628, -1.7204, -0.5499



13.7935, -6.5995, 3.4706



10.0532, -0.9777, -0.3201



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.



12.1272, -2.0992, -3.2734



14.2605, -2.7095, -5.5411



9.8574, 1.7584, -7.0705



8.1923, -0.6174, 0.1113



17.6262, -2.1024, -17.4928



45.7984, -2.3562, -52.1576

Inverse Universe

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



10.6963, 6.5102, -1.6840



12.1903, 10.5721, -2.6451



14.1796, -1.8740, 5.7379



8.0405, 0.1775, 0.2063



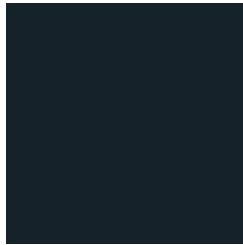
14.6305, 26.7556, -3.7271



39.4771, 71.7583, -6.6805

Previews

White Background



This preview shows how the HunterLab color 12.1270, -2.0991, -3.2736 looks on a white background.

Color Contrast Check

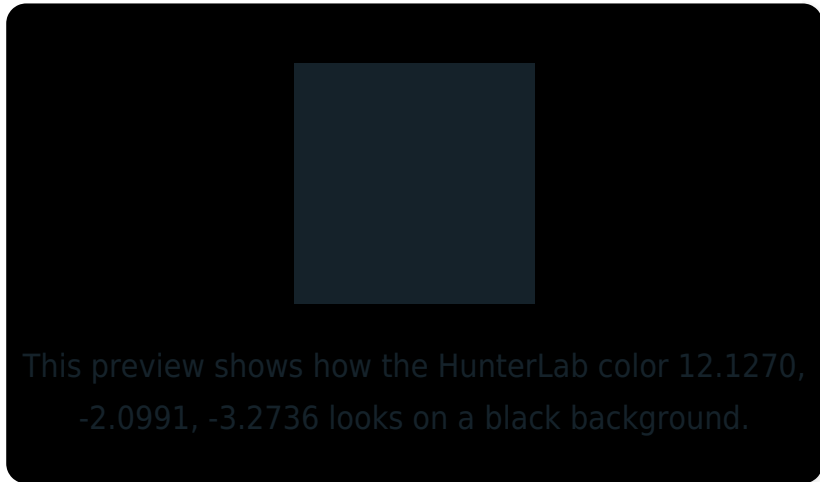
Large Text (above 18pt) WCAG AA ✓ Pass

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

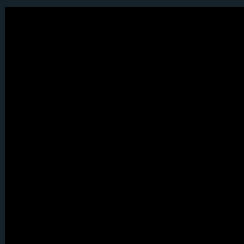
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

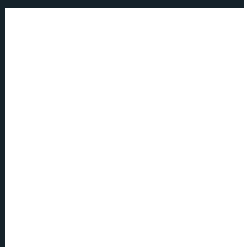
Any Text WCAG AAA × Fail

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

HunterLab 12.1270, -2.0991, -3.2736 Background



This preview shows how black text looks on a background with the HunterLab color 12.1270, -2.0991, -3.2736.



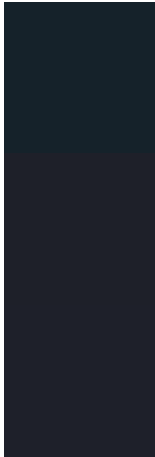
This preview shows how white text looks on a background with the HunterLab color 12.1270, -2.0991, -3.2736.

-3.2736.

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

12.1270, -2.0991, -3.2736

Protanopia

12.1208, 0.1743, -2.7898

Deuteranopia

12.1499, 0.3318, -3.1967



Tritanopia

12.2095, -3.2474, -1.4380

Trichromacy



Original Color

12.1270, -2.0991, -3.2736

Protanomaly

12.1689, -0.8170, -2.7370

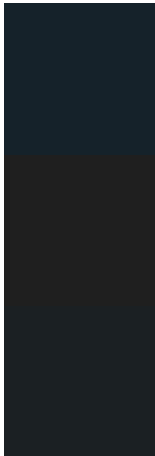
Deuteranomaly

12.1979, -0.6578, -3.1424

Tritanomaly

12.2363, -3.0952, -1.8148

Monochromacy



Original Color

12.1270, -2.0991, -3.2736

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

11.7787, -1.3382, -0.7695

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.1270, -2.0991, -3.2736 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(21, 34, 42)` looks like.

```
.text, #text, p{  
    color:rgb(21, 34, 42)  
}
```

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(21, 34, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 34, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 12.1270, -2.0991, -3.2736 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(21, 34, 42) }
```


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

```
.border{ border-color:rgb(21, 34, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 34, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 34, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 34, 42);  
box-shadow:4px 4px 4px 4px rgb(21, 34, 42)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.1270, -2.0991, -3.2736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 34, 42) }
```

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

```
.background{ background-color: rgb(21, 34,  
42) }
```

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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