

Converting Colors

HunterLab(12.4910, -0.9791,
-2.9271)

Have a look what the booklet for
HunterLab(12.4910, -0.9791,
-2.9271) contains.

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Color

**HunterLab(12.4267, -1.0344,
-2.8120)**

Conversions

Conversions Part 1

Format	Color
Hex	1B222A
RGB	27, 34, 42
RGB Percent	11%, 13%, 16%
CMY	0.8941, 0.8667, 0.8353
CMYK	0.36, 0.19, 0.00, 0.84
HSL	212°, 22%, 14%
HSV	212°, 36%, 16%
XYZ	1.4419, 1.5442, 2.4125
YIQ	32.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

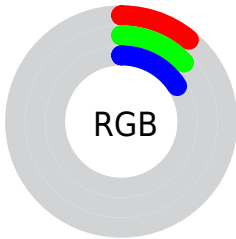
Format	Color
R _Y B	27, 32, 42
Decimal	1778218
CIE Lab	12.89, -0.73, -6.37
CIE LCh	13, 6.411, 263.424
Yxy	1.5443, 0.2671, 0.2860
Android (android.graphics.Color)	4279968298 (0xFF1B222A)
YUV	32.8190, 4.5262, -5.1033
Hunter-Lab	12.4267, -1.0344, -2.8120

Details

The HunterLab color **12.4267, -1.0344, -2.8120** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.3171, 0.2017, 3.5928**, and the grayscale version is **12.2633, -0.6543, 0.6663**.

A 20% lighter version of the original color is **27.3432, -1.8714, -2.7358**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.6926, -0.9701, -3.9195**, and if you desaturate by 10%, it is **13.1832, -1.0378, -1.7463**.

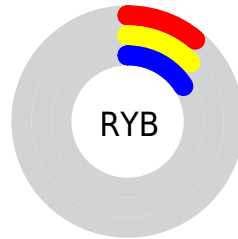
Distribution



Red (11%)

Green (13%)

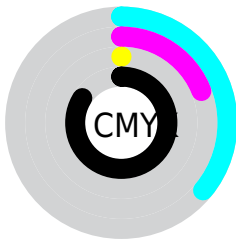
Blue (16%)



Red (11%)

Yellow (13%)

Blue (16%)

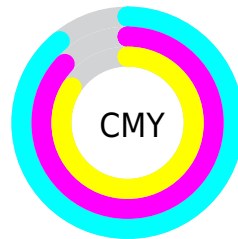


Cyan (36%)

Magenta (19%)

Yellow (0%)

Black (84%)



Cyan (89%)

Magenta (87%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4267, -1.0344, -2.8120 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 12.4267, -1.0344, -2.8120 by changing the saturation by 10% instead.

■ 12.4267, -1.0344,
-2.8120

■ 12.4267, -1.0344,
-2.8120

■ 103.7562, -6.2974,
-0.7922

■ 5.6533, -0.8679,
-4.3624

■ 27.3591, -1.9448,
-2.8249

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.1694, -2.4629,
-2.7071

0.0000, NaN, NaN

■ 45.7634, -3.0189,
-2.5213

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.0816, -3.6105,
-2.2754

0.0000, NaN, NaN

■ 67.0764, -4.2357,
-1.9753

0.0000, NaN, NaN

■ 78.7084, -4.8929,

0.0000, NaN, NaN

-1.6257

90.9445, -5.5805,
-1.2303

12.4267, -1.0344,
-2.8120

12.4267, -1.0344,
-2.8120

11.6926, -0.9701,
-3.9195

13.1832, -1.0378,
-1.7463

10.9823, -0.8366,
-5.0732

13.9596, -0.9869,
-0.7191

10.2984, -0.6253,
-6.2762

14.7545, -0.8879,
0.2737

9.6437, -0.3269,
-7.5306

15.5664, -0.7463,
1.2356

9.0045, 0.0115,
-8.8746

16.3941, -0.5666,
2.1700

■ 8.3614, 0.3247,
-10.3747

■ 17.2366, -0.3528,
3.0801

■ 8.0840, 0.4504,
-11.0765

■ 18.0928, -0.1086,
3.9685

■ 18.9618, 0.1631,
4.8378

■ 19.8431, 0.4597,
5.6901

Harmonies

Analogous

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



12.4269, -2.5456, -2.0777



12.4267, -1.0344, -2.8120



12.4269, 0.6576, -2.5155

Triad

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



12.4269, -1.0345, -2.8118



12.4269, 2.4682, 1.8461



12.4269, -3.1726, 2.3846

Complementary

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



12.4267, -1.0344, -2.8120



13.3171, 0.2017, 3.5928

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.



12.4269, -1.9321, 3.1967



12.4267, -1.0344, -2.8120



12.4269, 1.3372, 2.9161

Square

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



12.4269, -1.0345, -2.8118



12.4269, 2.7401, 0.3163



12.4269, -0.2885, 3.3774



12.4269, -3.7365, 1.0261

Rectangle

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



12.4267, -1.0344, -2.8120



12.4269, 1.6552, -1.7907



12.4269, -0.2885, 3.3774



12.4269, -2.8242, 2.7228

Sweetspot

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



12.4269, -1.0345, -2.8118



17.8845, -1.1921, -0.3877



14.1733, -4.9089, 2.0768



10.1327, -0.6747, -0.2148



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.



12.4269, -1.0345, -2.8118



14.6652, -1.2179, -4.8715



10.8973, 1.7084, -5.1733



8.1266, -0.5092, 0.0328



14.5306, 3.3242, -25.3379



36.9009, 14.1745, -76.7216

Inverse Universe

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



11.7968, 4.1035, -0.2655



13.7446, 6.8544, -0.5669



14.9066, -2.4911, 5.0173



8.0338, 0.1410, 0.3023



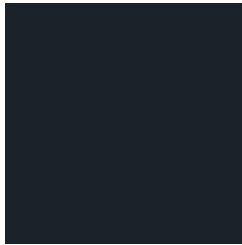
14.2830, 25.4983, 1.1814



38.5248, 68.3020, 6.8546

Previews

White Background



This preview shows how the HunterLab color 12.4267, -1.0344, -2.8120 looks on a white background.

Color Contrast Check

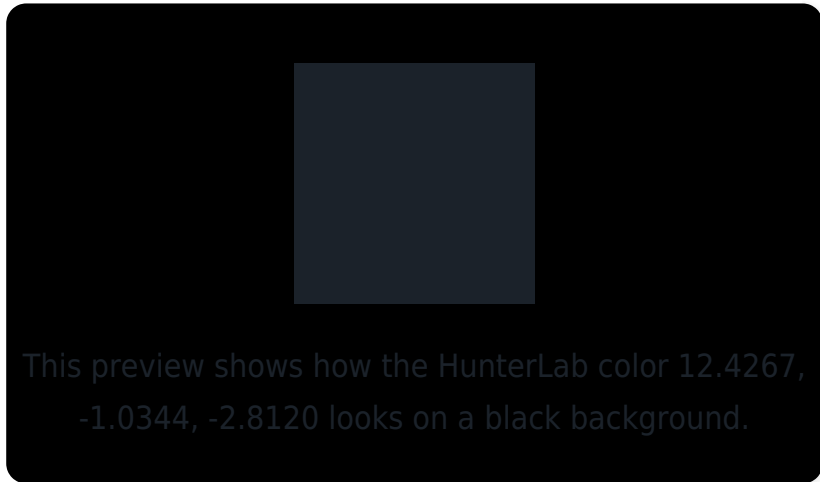
Large Text (above 18pt) WCAG AA ✓ Pass

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

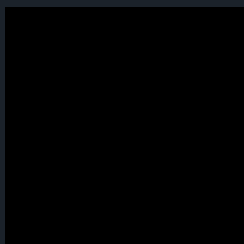
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

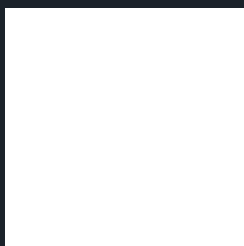
Any Text WCAG AAA × Fail

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

HunterLab 12.4267, -1.0344, -2.8120 Background



This preview shows how black text looks on a background with the HunterLab color 12.4267, -1.0344, -2.8120.



This preview shows how white text looks on a background with the HunterLab color 12.4267, -1.0344, -2.8120.

-2.8120.

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

12.4267, -1.0344, -2.8120

Protanopia

12.4061, 0.0034, -2.3811

Deuteranopia

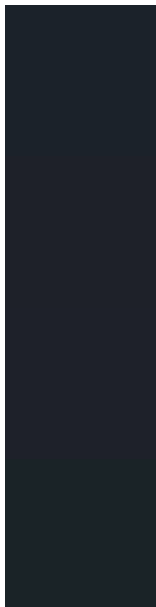
12.4978, 0.3729, -2.6841



Tritanopia

12.4965, -2.2013, -1.0384

Trichromacy



Original Color

12.4267, -1.0344, -2.8120

Protanomaly

12.3443, -0.2087, -2.4730

Deuteranomaly

12.3730, -0.0532, -2.8734

Tritanomaly

12.5226, -2.0550, -1.4075

Monochromacy



Original Color

12.4267, -1.0344, -2.8120

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.2735, -0.7197, -0.5125

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4267, -1.0344, -2.8120 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(27, 34, 42)` looks like.

```
.text, #text, p{  
    color:rgb(27, 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(27, 34, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 34, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4267, -1.0344, -2.8120 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(27, 34, 42) }
```


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

```
.border{ border-color:rgb(27, 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(27, 34, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 34, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 34, 42);  
box-shadow:4px 4px 4px 4px rgb(27, 34, 42)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.4267, -1.0344, -2.8120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 34, 42) }
```

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

```
.background{ background-color: rgb(27, 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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