

Converting Colors

HunterLab(12.5572, -4.8608,
-2.4760)

Have a look what the booklet for
HunterLab(12.5572, -4.8608,
-2.4760) contains.

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Color

**HunterLab(12.4434, -4.6747,
-2.8515)**

Conversions

Conversions Part 1

Format	Color
Hex	09252A
RGB	9, 37, 42
RGB Percent	4%, 15%, 16%
CMY	0.9647, 0.8549, 0.8353
CMYK	0.79, 0.12, 0.00, 0.84
HSL	189°, 65%, 10%
HSV	189°, 79%, 16%
XYZ	1.1921, 1.5484, 2.4265
YIQ	29.1980, -18.2930, -4.3810

Conversions

Conversions Part 2

Format	Color
R_{YB}	9, 24, 42
Decimal	599338
CIE _{Lab}	12.91, -8.45, -6.43
CIE _{LCh}	13, 10.621, 217.280
Yxy	1.5484, 0.2307, 0.2997
Android (android.graphics.Color)	4278789418 (0xFF09252A)
YUV	29.1980, 6.3114, -17.7136
Hunter-Lab	12.4434, -4.6747, -2.8515

Details

The HunterLab color **12.4434, -4.6747, -2.8515** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **9.0889, 6.9002, 4.0351**, and the grayscale version is **11.1311, -0.5939, 0.6048**.

A 20% lighter version of the original color is **27.4498, -6.9843, -2.6836**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.1741, -4.8830, -3.2522**, and if you desaturate by 10%, it is **12.7177, -4.4526, -2.4536**.

Distribution



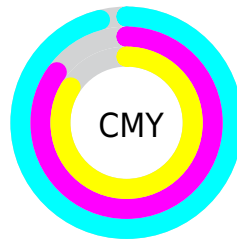
- Red (4%)
- Green (15%)
- Blue (16%)



- Red (4%)
- Yellow (9%)
- Blue (16%)



- Cyan (79%)
- Magenta (12%)
- Yellow (0%)
- Black (84%)



- Cyan (96%)
- Magenta (85%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4434, -4.6747, -2.8515 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 12.4434, -4.6747, -2.8515 by changing the saturation by 10% instead.

■ 12.4434, -4.6747,
-2.8515

■ 12.4434, -4.6747,
-2.8515

■ 103.7900,
-14.1105, -0.8576

■ 5.6786, -6.7880,
-4.3868

■ 27.3808, -6.8275,
-2.8711

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.1932, -7.8619,
-2.7564

0.0000, NaN, NaN

■ 45.7891, -8.8892,
-2.5737

0.0000, NaN, NaN

■ 56.1092, -9.9172,
-2.3306

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.1056, -10.9507,
-2.0332

0.0000, NaN, NaN

■ 78.7393, -11.9927,

0.0000, NaN, NaN

-1.6861

90.9769, -13.0455,
-1.2932

12.4434, -4.6747,
-2.8515

12.4434, -4.6747,
-2.8515

12.1741, -4.8830,
-3.2522

12.7177, -4.4526,
-2.4536

11.9013, -5.1070,
-3.6687

13.0148, -4.1477,
-2.0321

11.8619, -5.1404,
-3.7297

13.3356, -3.7593,
-1.5876

13.6797, -3.2907,
-1.1223

14.0468, -2.7459,
-0.6384

■ 14.4363, -2.1296,
-0.1382

■ 14.8474, -1.4465,
0.3762

■ 15.2795, -0.7017,
0.9028

■ 15.7316, 0.0999,
1.4398

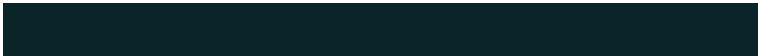
Harmonies

Analogous

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



12.4436, -5.5788, 0.0090



12.4434, -4.6747, -2.8515



12.4436, -2.6814, -5.0505

Triad

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



12.4436, -4.6747, -2.8513



12.4436, 4.7157, -1.4734



12.4436, -1.3412, 4.8037

Complementary

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



12.4434, -4.6747, -2.8515



9.0889, 6.9002, 4.0351

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.



12.4436, 1.4894, 4.5577



12.4434, -4.6747, -2.8515



12.4436, 5.1547, 1.3106

Square

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



12.4436, -4.6747, -2.8513



12.4436, 2.7764, -4.1398



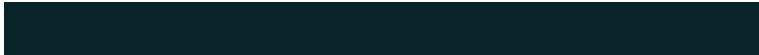
12.4436, 3.9279, 3.4033



12.4436, -3.7681, 4.1094

Rectangle

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



12.4434, -4.6747, -2.8515



12.4436, -0.9197, -5.6203



12.4436, 3.9279, 3.4033



12.4436, -0.4074, 4.8282

Sweetspot

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



12.4436, -4.6747, -2.8513



17.7427, -3.2011, -0.6012



13.2122, -9.3464, 6.1210



10.0371, -1.8309, -0.3553



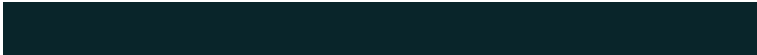
57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



12.4436, -4.6747, -2.8513



14.9361, -6.1855, -4.5397



8.6327, 1.2399, -9.7035



8.2920, -0.7798, 0.2290



22.8036, -9.4963, -8.0027



61.0002, -24.5915, -23.1588

Inverse Universe

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



9.0622, 11.4515, -5.6671



10.1896, 17.6207, -8.4067



12.0975, 0.6660, 6.1993



8.0508, 0.2331, 0.0597



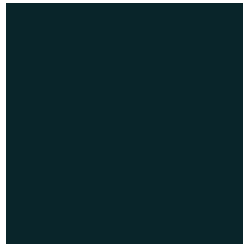
15.3357, 29.2629, -13.3463



41.5011, 78.9710, -34.4156

Previews

White Background



This preview shows how the HunterLab color 12.4434, -4.6747, -2.8515 looks on a white background.

Color Contrast Check

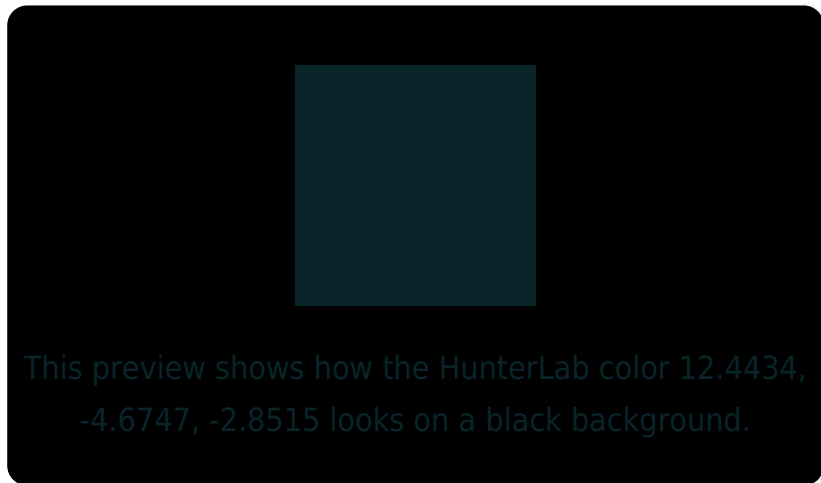
Large Text (above 18pt) WCAG AA ✓ Pass

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

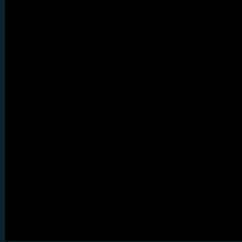
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

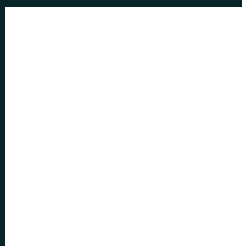
Any Text WCAG AAA × Fail

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

HunterLab 12.4434, -4.6747, -2.8515 Background



This preview shows how black text looks on a background with the HunterLab color 12.4434, -4.6747, -2.8515.



This preview shows how white text looks on a background with the HunterLab color 12.4434, -4.6747, -2.8515.

-2.8515.

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

12.4434, -4.6747, -2.8515

Protanopia

12.4418, 0.0701, -1.8986

Deuteranopia

12.5268, 0.5290, -3.0892



Tritanopia

12.3349, -5.2021, -2.1396

Trichromacy



Original Color

12.4434, -4.6747, -2.8515

Protanomaly

12.2407, -1.7500, -2.6492

Deuteranomaly

12.2990, -1.4258, -3.4641

Tritanomaly

12.3889, -4.9393, -2.4921

Monochromacy



Original Color

12.4434, -4.6747, -2.8515

Achromatopsia

11.0844, -0.5914, 0.6022

Achromatomaly

11.4852, -2.4417, -0.7781

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4434, -4.6747, -2.8515 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(9, 37, 42)` looks like.

```
.text, #text, p{  
    color:rgb(9, 37, 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(9, 37, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 37, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4434, -4.6747, -2.8515 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(9, 37, 42) }
```


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

```
.border{ border-color:rgb(9, 37, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 37, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 37, 42); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 37, 42); box-shadow:4px  
4px 4px 4px rgb(9, 37, 42) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.4434, -4.6747, -2.8515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 37, 42) }
```

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

```
.background{ background-color: rgb(9, 37,  
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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