

Converting Colors

HunterLab(12.5798, 13.8602,
-3.2075)

Have a look what the booklet for
HunterLab(12.5798, 13.8602,
-3.2075) contains.

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Color

**HunterLab(12.5504, 14.0829,
-3.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	3C122C
RGB	60, 18, 44
RGB Percent	24%, 7%, 17%
CMY	0.7647, 0.9294, 0.8275
CMYK	0.00, 0.70, 0.27, 0.76
HSL	323°, 54%, 15%
HSV	323°, 70%, 24%
XYZ	2.5344, 1.5751, 2.5533
YIQ	33.5220, 16.6860, 16.9900

Conversions

Conversions Part 2

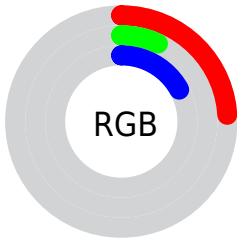
Format	Color
RYB	60, 18, 44
Decimal	3936812
CIELab	13.08, 24.04, -7.11
CIELCh	13, 25.070, 343.522
Yxy	1.5752, 0.3804, 0.2364
Android (android.graphics.Color)	4282126892 (0xFF3C122C)
YUV	33.5220, 5.1657, 23.2212
Hunter-Lab	12.5504, 14.0829, -3.2770




Details

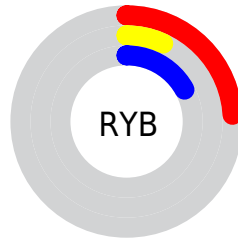
The HunterLab color **12.5504, 14.0829, -3.2770** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **18.6437, -12.0021, 6.4647**, and the grayscale version is **12.4776, -0.6658, 0.6779**.




A 20% lighter version of the original color is **27.4671, 16.4622, -3.6664**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.7847, 15.8473, -3.3470**, and if you desaturate by 10%, it is **13.4668, 12.0749, -3.0009**.

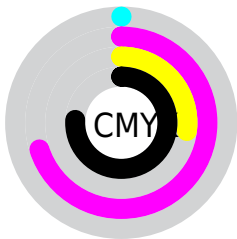
Distribution







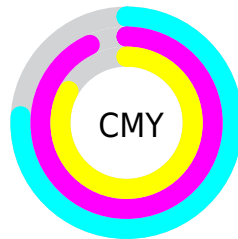
-  Red (24%)
-  Green (7%)
-  Blue (17%)






-  Red (24%)
-  Yellow (7%)
-  Blue (17%)



-  Cyan (0%)
-  Magenta (70%)
-  Yellow (27%)
-  Black (76%)



-  Cyan (76%)
-  Magenta (93%)
-  Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5504, 14.0829, -3.2770 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 12.5504, 14.0829, -3.2770 by changing the saturation by 10% instead.

■ 12.5504, 14.0829,
-3.2770

■ 12.5504, 14.0829,
-3.2770

■ 104.0070, 20.4183,
-1.5598

■ 5.8378, 17.6903,
-4.7315

■ 27.5200, 16.3250,
-3.3680

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.3459, 17.2233,
-3.2869

0.0000, NaN, NaN

■ 45.9543, 17.9956,
-3.1360

0.0000, NaN, NaN

■ 56.2859, 18.6573,
-2.9234

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.2933, 19.2210,
-2.6550

0.0000, NaN, NaN

■ 78.9371, 19.6971,

0.0000, NaN, NaN

-2.3358

91.1845, 20.0939,
-1.9697

12.5504, 14.0829,
-3.2770

12.5504, 14.0829,
-3.2770

11.7847, 15.8473,
-3.3470

13.4668, 12.0749,
-3.0009

11.1369, 17.4063,
-3.2507

14.5172, 9.9233,
-2.5557

10.4651, 19.2055,
-3.1980

15.6854, 7.7016,
-1.9765

10.4648, 19.2062,
-3.1980

16.9562, 5.4604,
-1.2940

18.3160, 3.2308,
-0.5328

■ 19.7530, 1.0297,
0.2882

■ 21.2577, -1.1350,
1.1553

■ 22.8218, -3.2613,
2.0581

■ 24.4386, -5.3503,
2.9892

Harmonies

Analogous

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



12.5507, 9.3958, -11.7120



12.5504, 14.0829, -3.2770



12.5507, 14.3251, 3.2057

Triad

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



12.5507, 14.0821, -3.2766



12.5507, -3.5202, 8.7855



12.5507, -8.6564, -10.8996

Complementary

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



12.5504, 14.0829, -3.2770



18.6437, -12.0021, 6.4647

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.



12.5507, -10.8545, -2.5039



12.5504, 14.0829, -3.2770



12.5507, -8.3127, 7.3420

Square

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



12.5507, 14.0821, -3.2766



12.5507, 3.1634, 8.7855



12.5507, -10.7382, 3.6649



12.5507, -4.0929, -17.4540

Rectangle

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



12.5504, 14.0829, -3.2770



12.5507, 11.8565, 5.9107



12.5507, -10.7382, 3.6649



12.5507, -9.6448, -8.0534

Sweetspot

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



12.5507, 14.0821, -3.2766



23.7406, 4.8395, -0.9096



10.4352, 10.3405, -17.6782



12.4882, 2.7115, -0.5335



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



12.5507, 14.0821, -3.2766



14.8572, 22.3954, -4.2592



12.0733, 11.9980, 3.5117



10.8851, 0.3785, 0.2281



16.4556, 30.0622, -3.9523



41.6192, 75.6366, -6.9234

Inverse Universe

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



12.5507, 14.0821, -3.2766



14.8572, 22.3954, -4.2592



19.0538, -9.5427, 0.5598



10.8851, 0.3785, 0.2281



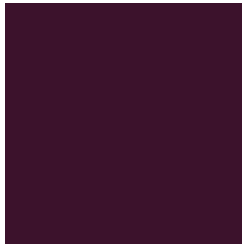
16.4556, 30.0622, -3.9523



41.6192, 75.6366, -6.9234

Previews

White Background



This preview shows how the HunterLab color 12.5504, 14.0829, -3.2770 looks on a white background.

Color Contrast Check

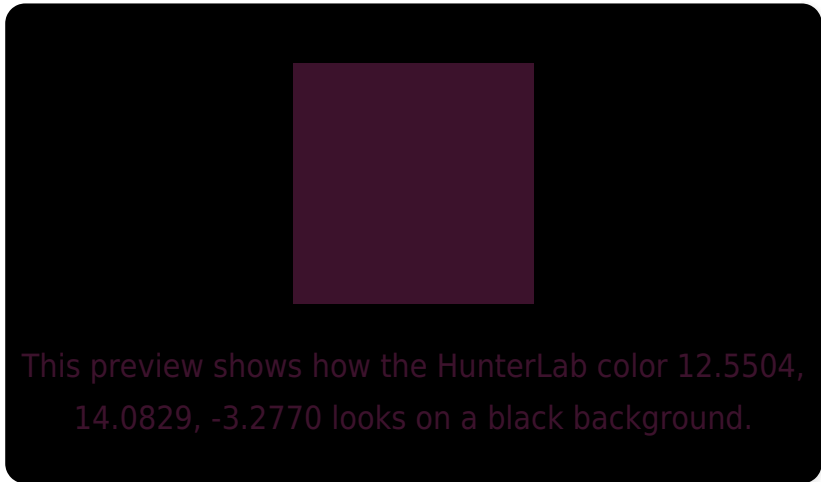
Large Text (above 18pt) WCAG AA ✓ Pass

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

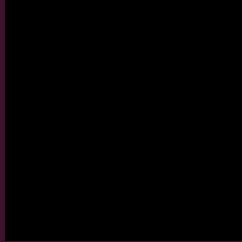
Any Text WCAG AA × Fail

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 12.5504, 14.0829, -3.2770 Background



This preview shows how black text looks on a background with the HunterLab color 12.5504, 14.0829, -3.2770.



This preview shows how white text looks on a background with the HunterLab color 12.5504, 14.0829, -3.2770.

-3.2770.

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

12.5504, 14.0829, -3.2770

Protanopia

12.8941, 1.4929, -9.2322

Deuteranopia

12.9172, 0.6530, -2.0834



Tritanopia

12.5798, 9.5820, 3.5847

Trichromacy



Original Color

12.5504, 14.0829, -3.2770

Protanomaly

12.2873, 5.6891, -8.0056

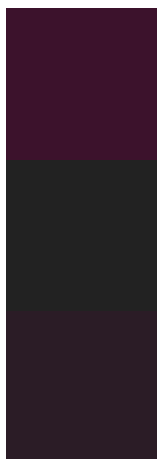
Deuteranomaly

12.4113, 5.4625, -3.1747

Tritanomaly

12.5316, 11.2937, 1.4544

Monochromacy



Original Color

12.5504, 14.0829, -3.2770

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.1821, 4.4899, -1.3395

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5504, 14.0829, -3.2770 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(60, 18, 44)` looks like.

```
.text, #text, p{  
    color:rgb(60, 18, 44)  
}
```

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(60, 18, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 18, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5504, 14.0829, -3.2770 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(60, 18, 44) }
```


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

```
.border{ border-color:rgb(60, 18, 44) }
```

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

Here you see how a box with a 4 pixel rgb(60, 18, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 18, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 18, 44);  
box-shadow:4px 4px 4px 4px rgb(60, 18, 44)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5504, 14.0829, -3.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 18, 44) }
```

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

```
.background{ background-color: rgb(60, 18,  
44) }
```

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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