

Converting Colors

HunterLab(12.8442, 13.4044,
2.4790)

Have a look what the booklet for
HunterLab(12.8442, 13.4044,
2.4790) contains.

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Color

**HunterLab(12.8432, 13.4042,
2.4782)**

Conversions

Conversions Part 1

Format	Color
Hex	40131E
RGB	64, 19, 30
RGB Percent	25%, 7%, 12%
CMY	0.7490, 0.9255, 0.8824
CMYK	0.00, 0.70, 0.53, 0.75
HSL	345°, 54%, 16%
HSV	345°, 70%, 25%
XYZ	2.5816, 1.6495, 1.4106
YIQ	33.7090, 23.2890, 12.9610

Conversions

Conversions Part 2

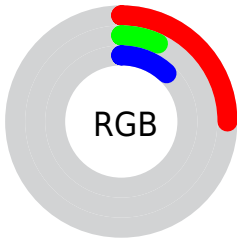
Format	Color
R_{YB}	64, 19, 30
Decimal	4199198
CIE _{Lab}	13.53, 23.02, 3.94
CIE _{LCh}	14, 23.353, 9.710
Yxy	1.6496, 0.4576, 0.2924
Android (android.graphics.Color)	4282389278 (0xFF40131E)
YUV	33.7090, -1.8285, 26.5652
Hunter-Lab	12.8432, 13.4042, 2.4782

Details

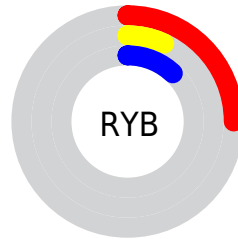
The HunterLab color **12.8432, 13.4042, 2.4782** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **20.1552, -10.9641, 2.3187**, and the grayscale version is **12.5566, -0.6700, 0.6822**.

A 20% lighter version of the original color is **27.7943, 15.4239, 3.9507**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.9945, 15.1798, 3.0644**, and if you desaturate by 10%, it is **13.8671, 11.4090, 2.0004**.

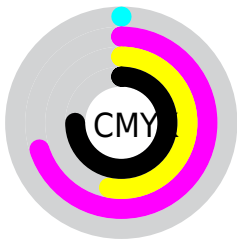
Distribution



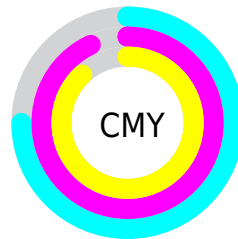
- Red (25%)
- Green (7%)
- Blue (12%)



- Red (25%)
- Yellow (7%)
- Blue (12%)



- Cyan (0%)
- Magenta (70%)
- Yellow (53%)
- Black (75%)



- Cyan (75%)
- Magenta (93%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.8432, 13.4042, 2.4782 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 12.8432, 13.4042, 2.4782 by changing the saturation by 10% instead.

■ 12.8432, 13.4042,
2.4782

■ 12.8432, 13.4042,
2.4782

■ 104.5978, 19.2774,
9.4918

■ 6.2504, 15.8092,
2.9524

■ 27.8998, 15.5311,
3.8978

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.7625, 16.3731,
4.6299

0.0000, NaN, NaN

■ 46.4047, 17.0914,
5.3829

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.7676, 17.7016,
6.1584

0.0000, NaN, NaN


■ 67.8045, 18.2162,
6.9569


0.0000, NaN, NaN


■ 79.4762, 18.6451,


0.0000, NaN, NaN


7.7787


 91.7501, 18.9966,
8.6237


 12.8432, 13.4042,
2.4782


 12.8432, 13.4042,
2.4782


 11.9945, 15.1798,
3.0644

 13.8671, 11.4090,
2.0004


 11.2975, 16.7416,
3.7002

 15.0446, 9.3019,
1.6367

 10.6129, 18.5174,
4.2029

 16.3552, 7.1567,
1.3825

 17.7799, 5.0201,
1.2269

 19.3026, 2.9177,
1.1573

■ 20.9097, 0.8610,
1.1612

■ 22.5899, -1.1471,
1.2273

■ 24.3342, -3.1081,
1.3461

■ 26.1349, -5.0260,
1.5094

Harmonies

Analogous

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



12.8435, 12.6110, -3.9201



12.8432, 13.4042, 2.4782



12.8435, 9.9045, 6.2777

Triad

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



12.8435, 13.4032, 2.4785



12.8435, -7.4859, 7.2604



12.8435, -4.5861, -15.2671

Complementary

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



12.8432, 13.4042, 2.4782



20.1552, -10.9641, 2.3187

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.



12.8435, -8.6718, -8.9356



12.8432, 13.4042, 2.4782



12.8435, -10.1109, 4.0596

Square

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



12.8435, 13.4032, 2.4785



12.8435, -2.6470, 8.8913



12.8435, -10.4991, -1.3780



12.8435, 1.4003, -16.3981

Rectangle

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



12.8432, 13.4042, 2.4782



12.8435, 5.9406, 7.9704



12.8435, -10.4991, -1.3780



12.8435, -6.1929, -13.5703

Sweetspot

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



12.8435, 13.4032, 2.4785



25.0932, 4.2932, 1.5326



12.5942, 15.0010, -14.8115



13.0551, 2.4101, 0.8080



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



12.8435, 13.4032, 2.4785



15.1300, 21.4620, 4.6890



14.4166, 8.2335, 6.4933



11.5892, 0.2777, 0.6389



16.1262, 28.0173, 7.3134



40.2314, 69.5793, 20.7106

Inverse Universe

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



12.8435, 13.4032, 2.4785



15.1300, 21.4620, 4.6890



17.4131, -5.2990, -5.8783



11.5892, 0.2777, 0.6389



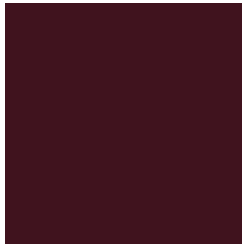
16.1262, 28.0173, 7.3134



40.2314, 69.5793, 20.7106

Previews

White Background



This preview shows how the HunterLab color 12.8432, 13.4042, 2.4782 looks on a white background.

Color Contrast Check

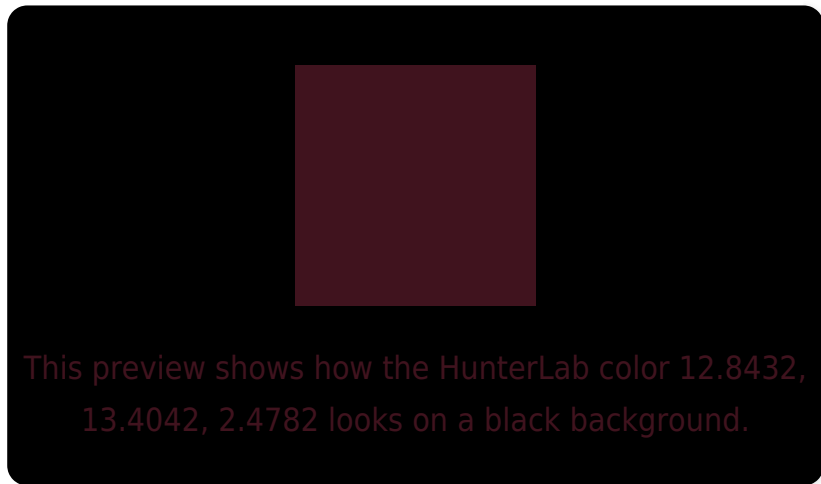
Large Text (above 18pt) WCAG AA ✓ Pass

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

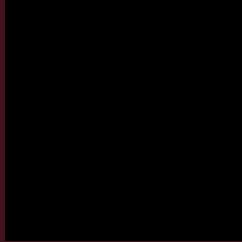
Any Text WCAG AA × Fail

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 12.8432, 13.4042, 2.4782 Background



This preview shows how black text looks on a background with the HunterLab color 12.8432, 13.4042, 2.4782.



This preview shows how white text looks on a background with the HunterLab color 12.8432, 13.4042,

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

12.8432, 13.4042, 2.4782

Protanopia

13.3540, -0.3168, -0.2990

Deuteranopia

13.3347, 0.2972, 3.3373



Tritanopia

12.9779, 12.0502, 4.7401

Trichromacy



Original Color

12.8432, 13.4042, 2.4782

Protanomaly

12.7936, 4.2520, 0.2228

Deuteranomaly

12.8279, 5.0546, 2.6204

Tritanomaly

12.8860, 12.6339, 3.9298

Monochromacy



Original Color

12.8432, 13.4042, 2.4782

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.4355, 4.0186, 0.8730

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.8432, 13.4042, 2.4782 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(64, 19, 30)` looks like.

```
.text, #text, p{  
    color:rgb(64, 19, 30)  
}
```

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(64, 19, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 19, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 12.8432, 13.4042, 2.4782 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(64, 19, 30) }
```


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

```
.border{ border-color:rgb(64, 19, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 19, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 19, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 19, 30);  
box-shadow:4px 4px 4px 4px rgb(64, 19, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.8432, 13.4042, 2.4782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 19, 30) }
```

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

```
.background{ background-color: rgb(64, 19,  
30) }
```

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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