

Converting Colors

HunterLab(13.4249, 18.8405,
-4.9678)

Have a look what the booklet for
HunterLab(13.4249, 18.8405,
-4.9678) contains.

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Color

**HunterLab(13.4520, 18.7484,
-4.6828)**

Conversions

Conversions Part 1

Format	Color
Hex	450E32
RGB	69, 14, 50
RGB Percent	27%, 5%, 20%
CMY	0.7294, 0.9451, 0.8039
CMYK	0.00, 0.80, 0.28, 0.73
HSL	321°, 66%, 16%
HSV	321°, 80%, 27%
XYZ	3.1870, 1.8096, 3.1989
YIQ	34.5490, 21.2240, 22.8560

Conversions

Conversions Part 2

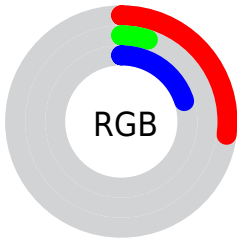
Format	Color
R_{YB}	69, 14, 50
Decimal	4525618
CIE _{Lab}	14.45, 29.96, -9.20
CIE _{LCh}	14, 31.344, 342.922
Yxy	1.8097, 0.3889, 0.2208
Android (android.graphics.Color)	4282715698 (0xFF450E32)
YUV	34.5490, 7.6173, 30.2135
Hunter-Lab	13.4520, 18.7484, -4.6828

Details

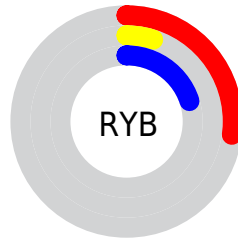
The HunterLab color **13.4520, 18.7484, -4.6828** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **21.1174, -15.1150, 8.7074**, and the grayscale version is **12.7937, -0.6826, 0.6951**.

A 20% lighter version of the original color is **28.7799, 21.4550, -4.6883**, and **3.1868, 5.4575, 2.0592** is the 20% darker color. If you saturate the color by 10%, you get **12.7658, 20.4043, -4.5718**, and if you desaturate by 10%, it is **14.3157, 16.7075, -4.5300**.

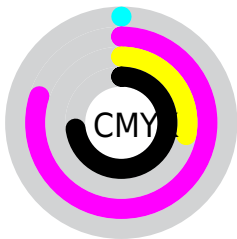
Distribution



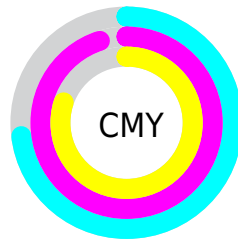
- Red (27%)
- Green (5%)
- Blue (20%)



- Red (27%)
- Yellow (5%)
- Blue (20%)



- Cyan (0%)
- Magenta (80%)
- Yellow (28%)
- Black (73%)













- Cyan (73%)
- Magenta (95%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.4520, 18.7484, -4.6828 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 13.4520, 18.7484, -4.6828 by changing the saturation by 10% instead.

 13.4520, 18.7484, -4.6828	 13.4520, 18.7484, -4.6828
 105.8156, 27.2561, -3.7317	 7.0227, 19.5696, -5.1907
 28.6858, 21.4812, -4.9611	0.0000, INF, NaN
 37.6236, 22.6374, -4.9718	0.0000, NaN, NaN
 47.3347, 23.6636, -4.9098	0.0000, NaN, NaN
 57.7619, 24.5731, -4.7826	0.0000, NaN, NaN
 68.8590, 25.3777, -4.5966	0.0000, NaN, NaN
 80.5878, 26.0875,	0.0000, NaN, NaN

-4.3568

92.9160, 26.7113,
-4.0673

13.4520, 18.7484,
-4.6828

13.4520, 18.7484,
-4.6828

12.7658, 20.4043,
-4.5718

14.3157, 16.7075,
-4.5300

12.0867, 22.1873,
-4.4575

15.3624, 14.3513,
-4.1197

12.0662, 22.2442,
-4.4551

16.5735, 11.8035,
-3.4995

17.9289, 9.1608,
-2.7168

19.4098, 6.4892,
-1.8118

■ 20.9992, 3.8295,
-0.8162

■ 22.6826, 1.2040,
0.2463

■ 24.4480, -1.3770,
1.3588

■ 26.2851, -3.9107,
2.5090

Harmonies

Analogous

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



13.4523, 12.3234, -16.3595



13.4520, 18.7484, -4.6828



13.4523, 19.2121, 3.7665

Triad

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



13.4523, 18.7475, -4.6823



13.4523, -4.1827, 9.4166



13.4523, -10.7190, -14.7474

Complementary

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



13.4520, 18.7484, -4.6828



21.1174, -15.1150, 8.7074

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.



13.4523, -13.2554, -3.2305



13.4520, 18.7484, -4.6828



13.4523, -10.1397, 8.8097

Square

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



13.4523, 18.7475, -4.6823



13.4523, 4.4271, 9.4166



13.4523, -13.0648, 4.5456



13.4523, -5.1908, -24.2301

Rectangle

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



13.4520, 18.7484, -4.6828



13.4523, 15.9389, 6.9864



13.4523, -13.0648, 4.5456



13.4523, -11.8749, -10.7590

Sweetspot

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



13.4523, 18.7475, -4.6823



26.1856, 6.7866, -1.7525



10.2777, 13.9254, -25.9029



13.4379, 3.8507, -1.0303



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



13.4523, 18.7475, -4.6823



15.9257, 28.0479, -5.4308



12.8137, 16.1309, 4.3861



12.3610, 0.5008, 0.1961



17.4951, 32.1485, -5.6526



42.9862, 78.6293, -11.0911

Inverse Universe

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



13.4523, 18.7475, -4.6823



15.9257, 28.0479, -5.4308



21.6197, -12.0706, 1.4500



12.3610, 0.5008, 0.1961



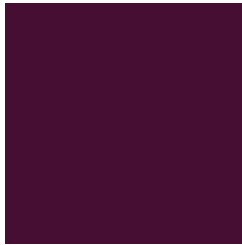
17.4951, 32.1485, -5.6526



42.9862, 78.6293, -11.0911

Previews

White Background



This preview shows how the HunterLab color 13.4520, 18.7484, -4.6828 looks on a white background.

Color Contrast Check

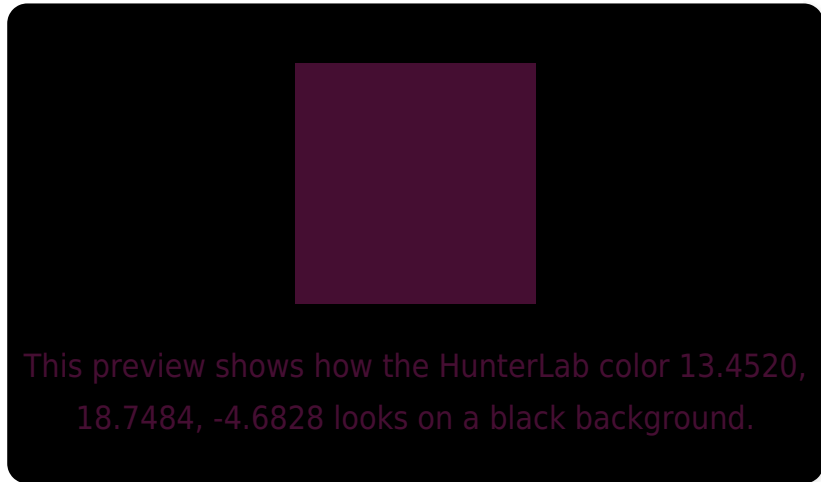
Large Text (above 18pt) WCAG AA ✓ Pass

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

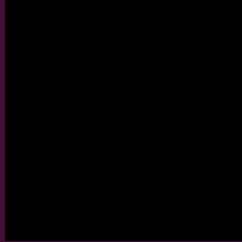
Any Text WCAG AA × Fail

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 13.4520, 18.7484, -4.6828 Background



This preview shows how black text looks on a background with the HunterLab color 13.4520, 18.7484, -4.6828.



This preview shows how white text looks on a background with the HunterLab color 13.4520, 18.7484,

-4.6828.

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

13.4520, 18.7484, -4.6828

Protanopia

14.1356, 1.8710, -13.5299

Deuteranopia

14.1546, 0.5206, -2.5338



Tritanopia

13.6822, 12.4027, 4.9034

Trichromacy



Original Color

13.4520, 18.7484, -4.6828

Protanomaly

12.9887, 7.4504, -12.0187

Deuteranomaly

13.2102, 7.1427, -4.2852

Tritanomaly

13.5612, 14.5521, 2.3204

Monochromacy



Original Color

13.4520, 18.7484, -4.6828

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.4153, 6.2692, -1.8268

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.4520, 18.7484, -4.6828 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(69, 14, 50)` looks like.

```
.text, #text, p{  
    color:rgb(69, 14, 50)  
}
```

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(69, 14, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 14, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 13.4520, 18.7484, -4.6828 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(69, 14, 50) }
```


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

```
.border{ border-color:rgb(69, 14, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 14, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 14, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 14, 50);  
box-shadow:4px 4px 4px 4px rgb(69, 14, 50)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.4520, 18.7484, -4.6828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 14, 50) }
```

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

```
.background{ background-color: rgb(69, 14,  
50) }
```

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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