

Converting Colors

HunterLab(13.3518, 4.7432,
2.5539)

Have a look what the booklet for
HunterLab(13.3518, 4.7432, 2.5539)
contains.

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Color

**HunterLab(13.3518, 4.7432,
2.5539)**

Conversions

Conversions Part 1

Format	Color
Hex	331F1F
RGB	51, 31, 31
RGB Percent	20%, 12%, 12%
CMY	0.8000, 0.8784, 0.8784
CMYK	0.00, 0.39, 0.39, 0.80
HSL	0°, 24%, 16%
HSV	0°, 39%, 20%
XYZ	2.1025, 1.7827, 1.5296
YIQ	36.9800, 11.9200, 4.2400

Conversions

Conversions Part 2

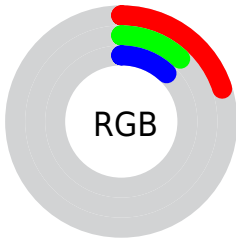
Format	Color
RYB	51, 31, 31
Decimal	3350303
CIELab	14.30, 9.74, 3.99
CIELCh	14, 10.526, 22.268
Yxy	1.7828, 0.3883, 0.3292
Android (android.graphics.Color)	4281540383 (0xFF331F1F)
YUV	36.9800, -2.9481, 12.2955
Hunter-Lab	13.3518, 4.7432, 2.5539

Details

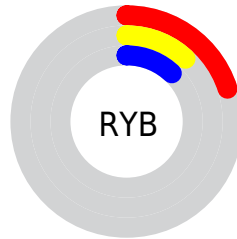
The HunterLab color **13.3518, 4.7432, 2.5539** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.0231, -5.1868, -0.5096**, and the grayscale version is **13.6019, -0.7258, 0.7390**.

A 20% lighter version of the original color is **28.5251, 5.2927, 3.8338**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.2979, 6.3148, 3.0050**, and if you desaturate by 10%, it is **14.4903, 3.2107, 2.1228**.

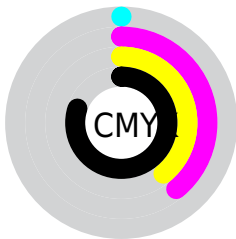
Distribution



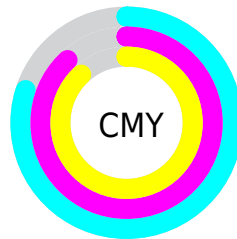
- Red (20%)
- Green (12%)
- Blue (12%)



- Red (20%)
- Yellow (12%)
- Blue (12%)



- Cyan (0%)
- Magenta (39%)
- Yellow (39%)
- Black (80%)



- Cyan (80%)
- Magenta (88%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.3518, 4.7432, 2.5539 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 13.3518, 4.7432, 2.5539 by changing the saturation by 10% instead.

■ 13.3518, 4.7432,
2.5539

■ 13.3518, 4.7432,
2.5539

■ 105.6160, 4.6484,
9.6074

■ 6.9023, 5.7812,
2.7712

■ 28.5568, 5.3026,
3.9828

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.4823, 5.4191,
4.7198

0.0000, NaN, NaN

■ 47.1821, 5.4506,
5.4774

0.0000, NaN, NaN

■ 57.5989, 5.4086,
6.2574

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.6862, 5.3015,
7.0602


0.0000, NaN, NaN


■ 80.4056, 5.1358,


0.0000, NaN, NaN

7.8863


 92.7249, 4.9167,
8.7354

 13.3518, 4.7432,
2.5539


 13.3518, 4.7432,
2.5539


 12.2979, 6.3148,
3.0050


 14.4903, 3.2107,
2.1228


 11.3415, 7.9041,
3.4686


 15.7007, 1.7293,
1.7136


 10.4984, 9.4689,
3.9322

 16.9735, 0.3007,
1.3266

 9.7846, 10.9441,
4.3750

 18.3007, -1.0773,
0.9605

 9.1396, 12.4244,
4.8247

 19.6756, -2.4088,
0.6134

■ 8.4466, 14.2088,
5.3728

■ 21.0929, -3.6992,
0.2831

■ 8.3897, 14.3655,
5.4212

■ 22.5480, -4.9534,
-0.0323

■ 24.0372, -6.1766,
-0.3348

■ 25.5574, -7.3730,
-0.6262

Harmonies

Analogous

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



13.3521, 5.1588, 0.0067



13.3518, 4.7432, 2.5539



13.3521, 2.8065, 4.2255

Triad

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



13.3521, 4.7426, 2.5541



13.3521, -4.7744, 3.5382



13.3521, -1.4421, -5.5350

Complementary

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



13.3518, 4.7432, 2.5539



17.0231, -5.1868, -0.5096

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.



13.3521, -3.9022, -4.0851



13.3518, 4.7432, 2.5539



13.3521, -5.7183, 1.4089

Square

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



13.3521, 4.7426, 2.5541



13.3521, -2.7258, 4.7051



13.3521, -5.4129, -1.4020



13.3521, 1.4262, -5.0494

Rectangle

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



13.3518, 4.7432, 2.5539



13.3521, 0.9962, 4.7978



13.3521, -5.4129, -1.4020



13.3521, -2.3406, -5.2488

Sweetspot

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



13.3521, 4.7426, 2.5541



21.3042, 1.0084, 1.8766



13.8665, 7.3073, -4.7191



11.2560, 0.5242, 0.9886



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



13.3521, 4.7426, 2.5541



15.8154, 8.1879, 3.8869



15.4552, 0.7359, 4.5632



9.4104, 0.0892, 0.7095



14.6163, 25.0287, 9.4447



38.3585, 65.6881, 24.7863

Inverse Universe

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



17.0231, -5.1868, -0.5096



21.6518, -7.7520, -1.0354



14.5472, -1.4620, -3.8266



9.8527, -1.0905, 0.3460



28.1264, -14.9102, -2.9688



73.8150, -39.1300, -7.7919

Previews

White Background



This preview shows how the HunterLab color 13.3518, 4.7432, 2.5539 looks on a white background.

Color Contrast Check

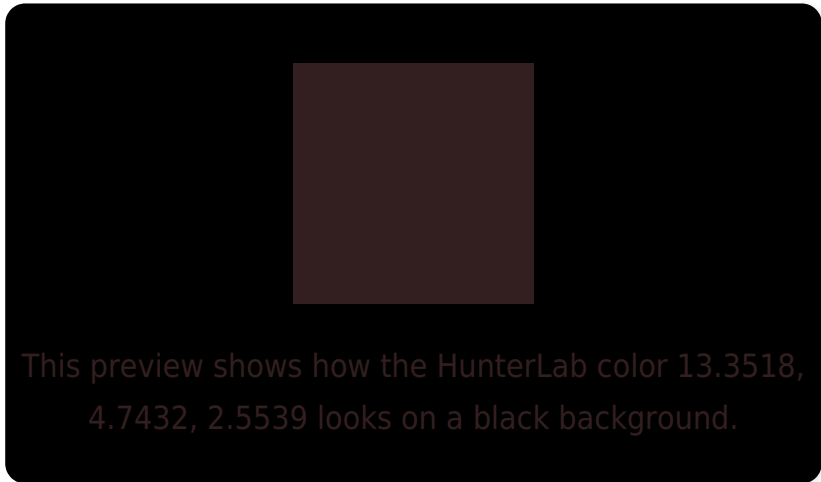
Large Text (above 18pt) WCAG AA ✓ Pass

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

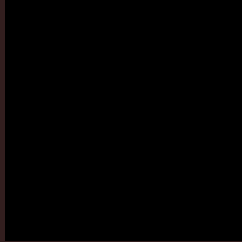
Any Text WCAG AA × Fail

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 13.3518, 4.7432, 2.5539 Background



This preview shows how black text looks on a background with the HunterLab color 13.3518, 4.7432, 2.5539.

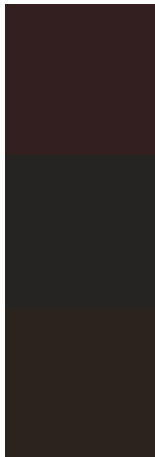


This preview shows how white text looks on a background with the HunterLab color 13.3518, 4.7432,

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

13.3518, 4.7432, 2.5539

Protanopia

13.3765, -0.4709, 1.5264

Deuteranopia

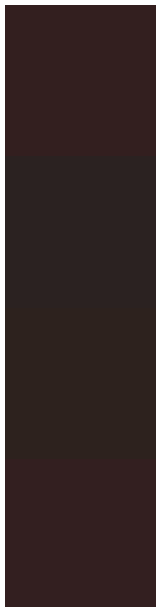
13.3718, 0.4971, 2.8021



Tritanopia

13.3925, 4.9491, 1.9691

Trichromacy



Original Color

13.3518, 4.7432, 2.5539

Protanomaly

13.2946, 1.4770, 1.8011

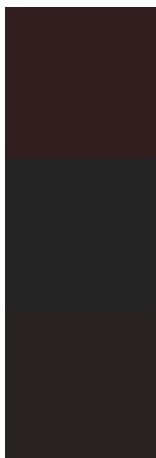
Deuteranomaly

13.4003, 1.7062, 2.8524

Tritanomaly

13.3719, 4.8448, 2.2655

Monochromacy



Original Color

13.3518, 4.7432, 2.5539

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.4746, 1.0491, 1.3247

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.3518, 4.7432, 2.5539 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(51, 31, 31)` looks like.

```
.text, #text, p{  
    color:rgb(51, 31, 31)  
}
```

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(51, 31, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 31, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 13.3518, 4.7432, 2.5539 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(51, 31, 31) }
```


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

```
.border{ border-color:rgb(51, 31, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 31, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 31, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 31, 31);  
box-shadow:4px 4px 4px 4px rgb(51, 31, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.3518, 4.7432, 2.5539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 31, 31) }
```

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

```
.background{ background-color: rgb(51, 31,  
31) }
```

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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