

Converting Colors

HunterLab(21.3133, -5.7246,
13.0329)

Have a look what the booklet for
HunterLab(21.3133, -5.7246,
13.0329) contains.

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Color

**HunterLab(21.4750, -5.7680,
13.1318)**

Conversions

Conversions Part 1

Format	Color
Hex	3F3F00
RGB	63, 63, 0
RGB Percent	25%, 25%, 0%
CMY	0.7529, 0.7529, 1.0000
CMYK	0.00, 0.00, 1.00, 0.75
HSL	60°, 100%, 12%
HSV	60°, 100%, 25%
XYZ	3.8274, 4.6118, 0.6884
YIQ	55.8180, 20.2230, -19.5930

Conversions

Conversions Part 2

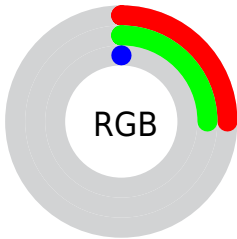
Format	Color
R_{YB}	0, 63, 0
Decimal	4144896
CIE Lab	25.60, -7.93, 34.29
CIE LCh	26, 35.193, 103.017
Yxy	4.6120, 0.4193, 0.5053
Android (android.graphics.Color)	4282334976 (0xFF3F3F00)
YUV	55.8180, -27.5183, 6.2986
Hunter-Lab	21.4750, -5.7680, 13.1318

Details

The HunterLab color **21.4750, -5.7680, 13.1318** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **5.9915, 16.2486, -42.5621**, and the grayscale version is **19.9105, -1.0624, 1.0818**.

A 20% lighter version of the original color is **38.5802, -7.6439, 19.1736**, and **8.0310, -4.6097, 4.8679** is the 20% darker color. If you saturate the color by 10%, you get **21.4755, -5.7688, 13.1321**, and if you desaturate by 10%, it is **21.5076, -5.5860, 12.6562**.

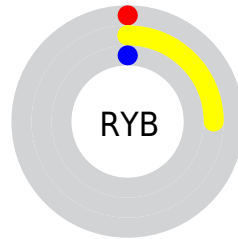
Distribution



Red (25%)

Green (25%)

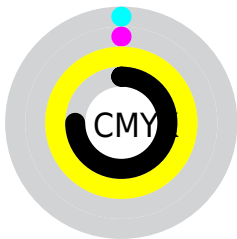
Blue (0%)



Red (0%)

Yellow (25%)

Blue (0%)

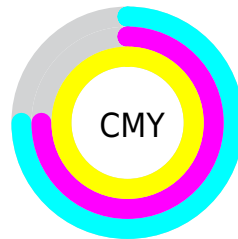


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (75%)



Cyan (75%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4750, -5.7680, 13.1318 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 21.4750, -5.7680, 13.1318 by changing the saturation by 10% instead.

■ 21.4750, -5.7680,
13.1318

■ 21.4750, -5.7680,
13.1318

■ 120.8353,
-14.9291, 36.8676

■ 14.2178, -4.7306,
9.9524

■ 38.6970, -7.7732,
19.3313

■ 7.8733, -4.8077,
5.5113

■ 48.4928, -8.7681,
22.1508

0.0000, NaN, NaN

■ 58.9988, -9.7676,
24.8238

0.0000, NaN, NaN

■ 70.1701, -10.7753,
27.3824

0.0000, NaN, NaN

■ 81.9690, -11.7939,
29.8502

0.0000, NaN, NaN

■ 94.3639, -12.8250,


0.0000, NaN, NaN


0.0000, NaN, NaN


32.2450


0.0000, NaN, NaN


 107.3273,
-13.8698, 34.5806


 21.4750, -5.7680,
13.1318


 21.4750, -5.7680,
13.1318


 21.4755, -5.7688,
13.1321

 21.5076, -5.5860,
12.6562

 21.5407, -5.3981,
12.1673

 21.5840, -5.1529,
11.5293

 21.6404, -4.8339,
10.6987

 21.7108, -4.4366,
9.6646

■ 21.7961, -3.9578,
8.4184

■ 21.8967, -3.3951,
6.9534

■ 22.0132, -2.7467,
5.2652

■ 22.1461, -2.0115,
3.3513

Harmonies

Analogous

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



21.4755, 5.4853, 13.0103



21.4750, -5.7680, 13.1318



21.4755, -13.9106, 11.3773

Triad

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



21.4755, -5.7688, 13.1319



21.4755, -14.6894, -17.9344



21.4755, 23.4633, -5.6871

Complementary

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



21.4750, -5.7680, 13.1318



5.9915, 16.2486, -42.5621

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.



21.4755, 15.5361, -19.7457



21.4750, -5.7680, 13.1318



21.4755, -7.0609, -28.9413

Square

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



21.4755, -5.7688, 13.1319



21.4755, -18.3069, -3.9545



21.4755, 3.9019, -29.7352



21.4755, 24.0069, 5.2764

Rectangle

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



21.4750, -5.7680, 13.1318



21.4755, -17.1162, 8.5201



21.4755, 3.9019, -29.7352



21.4755, 21.5098, -10.3051

Sweetspot

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



21.4755, -5.7688, 13.1319



28.3672, -4.5024, 9.2775



10.2804, 17.6044, 6.6426



14.5412, -2.3665, 4.9072



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.



21.4755, -5.7688, 13.1319



27.8393, -7.4783, 17.0235



19.6326, -12.9186, 11.8712



11.5152, -0.9790, 1.5694



32.3510, -8.6903, 19.7824



82.2603, -22.0974, 50.3016

Inverse Universe

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



5.9915, 16.2486, -42.5621



7.7662, 21.0656, -55.1804



8.1124, 18.3152, -29.0519



10.7058, -0.1791, -0.4334



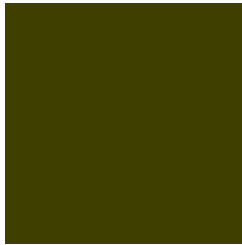
9.0248, 24.4796, -64.1232



22.9476, 62.2452, -163.0509

Previews

White Background



This preview shows how the HunterLab color 21.4750, -5.7680, 13.1318 looks on a white background.

Color Contrast Check

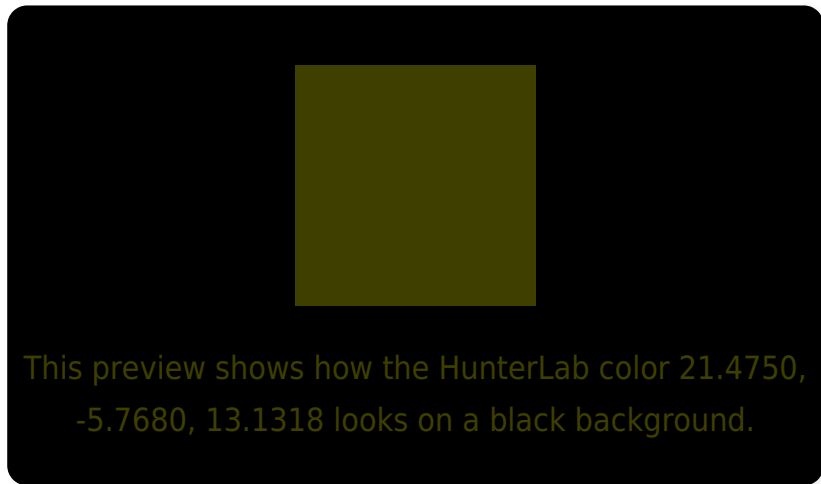
Large Text (above 18pt) WCAG AA ✓ Pass

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

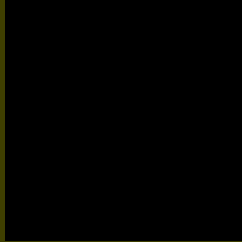
Any Text WCAG AA × Fail

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 21.4750, -5.7680, 13.1318 Background



This preview shows how black text looks on a background with the HunterLab color 21.4750, -5.7680, 13.1318.

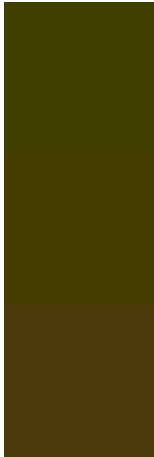


This preview shows how white text looks on a background with the HunterLab color 21.4750, -5.7680,

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

21.4750, -5.7680, 13.1318

Protanopia

21.4539, -3.2404, 13.1631

Deuteranopia

21.5077, 0.7744, 12.4749



Tritanopia

21.6335, 1.5477, 0.4693

Trichromacy



Original Color

21.4750, -5.7680, 13.1318

Protanomaly

21.5373, -4.2287, 13.1971

Deuteranomaly

21.5002, -1.7495, 12.7426

Tritanomaly

21.3147, -1.7457, 7.5194

Monochromacy



Original Color

21.4750, -5.7680, 13.1318

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.4575, -3.6386, 7.7049

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4750, -5.7680, 13.1318 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(63, 63, 0)` looks like.

```
.text, #text, p{  
    color:rgb(63, 63, 0)  
}
```

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(63, 63, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 63, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 21.4750, -5.7680, 13.1318 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(63, 63, 0) }
```


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

```
.border{ border-color:rgb(63, 63, 0) }
```

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

Here you see how a box with a 4 pixel rgb(63, 63, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 63, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(63, 63, 0); box-shadow:4px  
4px 4px 4px rgb(63, 63, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.4750, -5.7680, 13.1318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 63, 0) }
```

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

```
.background{ background-color: rgb(63, 63,  
0) }
```

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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