

Converting Colors

HunterLab(21.3884, -4.1535,
11.3382)

Have a look what the booklet for
HunterLab(21.3884, -4.1535,
11.3382) contains.

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Color

**HunterLab(21.4851, -4.1992,
11.4653)**

Conversions

Conversions Part 1

Format	Color
Hex	413E13
RGB	65, 62, 19
RGB Percent	25%, 24%, 7%
CMY	0.7451, 0.7569, 0.9255
CMYK	0.00, 0.05, 0.71, 0.75
HSL	56°, 55%, 16%
HSV	56°, 71%, 25%
XYZ	4.0201, 4.6161, 1.2952
YIQ	57.9950, 15.5910, -12.7370

Conversions

Conversions Part 2

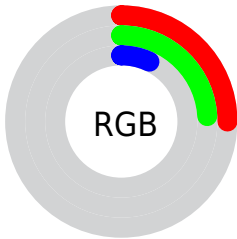
Format	Color
R_YB	22, 65, 19
Decimal	4275731
CIE Lab	25.61, -5.15, 26.09
CIE LCh	26, 26.593, 101.173
Yxy	4.6163, 0.4048, 0.4648
Android (android.graphics.Color)	4282465811 (0xFF413E13)
YUV	57.9950, -19.2245, 6.1434
Hunter-Lab	21.4851, -4.1992, 11.4653

Details

The HunterLab color **21.4851, -4.1992, 11.4653** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **10.4590, 7.4608, -21.7742**, and the grayscale version is **20.6285, -1.1007, 1.1208**.

A 20% lighter version of the original color is **38.6682, -5.5155, 16.2933**, and **7.8707, -2.8579, 4.7999** is the 20% darker color. If you saturate the color by 10%, you get **21.3335, -4.2900, 12.0585**, and if you desaturate by 10%, it is **21.6516, -4.0334, 10.6741**.

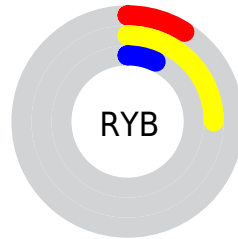
Distribution



Red (25%)

Green (24%)

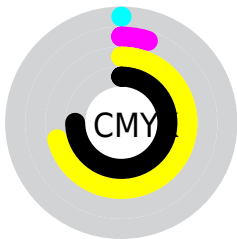
Blue (7%)



Red (9%)

Yellow (25%)

Blue (7%)

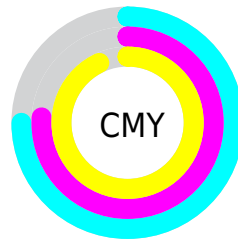


Cyan (0%)

Magenta (5%)

Yellow (71%)

Black (75%)



Cyan (75%)

Magenta (76%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4851, -4.1992, 11.4653 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 21.4851, -4.1992, 11.4653 by changing the saturation by 10% instead.

■ 21.4851, -4.1992,
11.4653

■ 21.4851, -4.1992,
11.4653

■ 120.8533,
-11.9918, 30.5130

■ 14.2266, -3.3960,
9.7171

■ 38.7093, -5.8168,
16.3672

■ 7.8824, -3.2697,
5.5177

■ 48.5060, -6.6439,
18.5913

0.0000, NaN, NaN

■ 59.0130, -7.4877,
20.7167

0.0000, NaN, NaN

■ 70.1850, -8.3498,
22.7675

0.0000, NaN, NaN

■ 81.9848, -9.2309,
24.7612

0.0000, NaN, NaN

■ 94.3804, -10.1315,

0.0000, NaN, NaN

107.3445,
-11.0518, 28.6254

21.4851, -4.1992,
11.4653

21.4851, -4.1992,
11.4653

21.3335, -4.2900,
12.0585

21.6516, -4.0334,
10.6741

21.1920, -4.3217,
12.5006

21.8322, -3.7865,
9.6753

21.0621, -4.3479,
12.9023

22.0280, -3.4566,
8.4625

22.2395, -3.0419,
7.0316

22.4669, -2.5413,
5.3805

■ 22.7106, -1.9545,
3.5090

■ 22.9708, -1.2819,
1.4184

■ 23.2474, -0.5242,
-0.8884

■ 23.5405, 0.3170,
-3.4075

Harmonies

Analogous

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



21.4856, 4.3391, 11.2453



21.4851, -4.1992, 11.4653



21.4856, -10.8136, 9.8413

Triad

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



21.4856, -4.2000, 11.4655



21.4856, -12.0406, -11.6637



21.4856, 16.4529, -4.4269

Complementary

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



21.4851, -4.1992, 11.4653



10.4590, 7.4608, -21.7742

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.



21.4856, 10.6022, -13.9806



21.4851, -4.1992, 11.4653



21.4856, -6.1335, -19.1494

Square

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



21.4856, -4.2000, 11.4655



21.4856, -14.8525, -2.0390



21.4856, 2.0853, -20.1309



21.4856, 17.1846, 3.9487

Rectangle

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



21.4851, -4.1992, 11.4653



21.4856, -13.5869, 7.3563



21.4856, 2.0853, -20.1309



21.4856, 14.9818, -7.6755

Sweetspot

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



21.4856, -4.2000, 11.4655



29.1153, -3.3752, 7.2343



12.8367, 13.1107, 4.6176



15.2651, -1.8106, 3.9242



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.



21.4856, -4.2000, 11.4655



27.5364, -5.5922, 16.0773



20.9452, -10.2948, 10.9819



12.2587, -0.9758, 1.6493



31.5394, -6.3809, 19.3227



78.6726, -15.4838, 48.2066

Inverse Universe

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



10.4590, 7.4608, -21.7742



10.6533, 14.3893, -40.0350



11.3027, 12.1412, -19.0564



11.4688, -0.2604, -0.4330



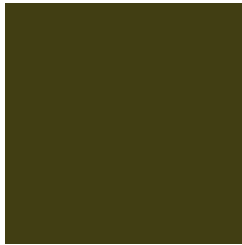
9.9914, 22.2036, -60.4196



23.9472, 60.0204, -159.4986

Previews

White Background



This preview shows how the HunterLab color 21.4851, -4.1992, 11.4653 looks on a white background.

Color Contrast Check

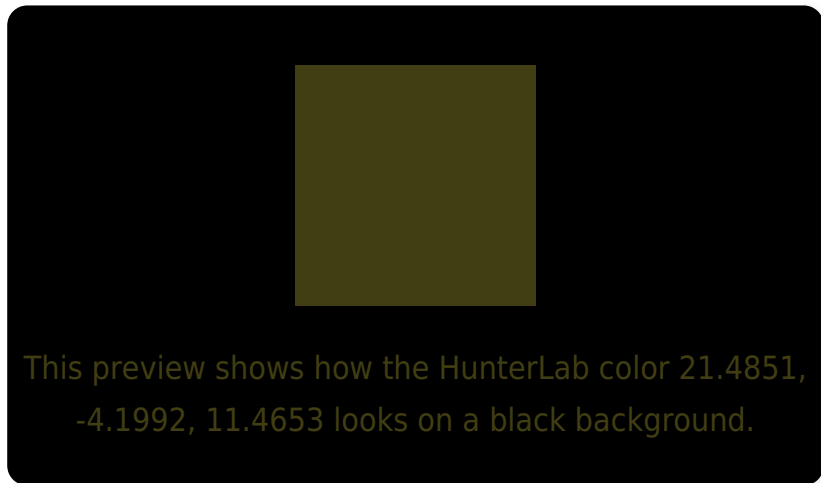
Large Text (above 18pt) WCAG AA ✓ Pass

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

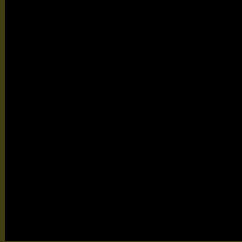
Any Text WCAG AA × Fail

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 21.4851, -4.1992, 11.4653 Background



This preview shows how black text looks on a background with the HunterLab color 21.4851, -4.1992, 11.4653.



This preview shows how white text looks on a background with the HunterLab color 21.4851, -4.1992, 11.4653.

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

21.4851, -4.1992, 11.4653

Protanopia

21.4789, -2.9320, 11.4832

Deuteranopia

21.4866, 0.8530, 11.2972



Tritanopia

21.5386, 2.3921, 0.7685

Trichromacy



Original Color

21.4851, -4.1992, 11.4653

Protanomaly

21.3958, -3.2287, 11.4202

Deuteranomaly

21.3451, -0.8705, 11.2992

Tritanomaly

21.3404, -0.1993, 5.9651

Monochromacy



Original Color

21.4851, -4.1992, 11.4653

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.7410, -2.3621, 5.9275

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4851, -4.1992, 11.4653 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(65, 62, 19)` looks like.

```
.text, #text, p{  
    color:rgb(65, 62, 19)  
}
```

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(65, 62, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 62, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 21.4851, -4.1992, 11.4653 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(65, 62, 19) }
```


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

```
.border{ border-color:rgb(65, 62, 19) }
```

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

Here you see how a box with a 4 pixel rgb(65, 62, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 62, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 62, 19);  
box-shadow:4px 4px 4px 4px rgb(65, 62, 19)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.4851, -4.1992, 11.4653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 62, 19) }
```

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

```
.background{ background-color: rgb(65, 62,  
19) }
```

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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