

Converting Colors

HunterLab(21.2253, -3.5505,
9.5812)

Have a look what the booklet for
HunterLab(21.2253, -3.5505, 9.5812)
contains.

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Color

**HunterLab(21.2631, -3.4849,
9.6163)**

Conversions

Conversions Part 1

Format	Color
Hex	403D1E
RGB	64, 61, 30
RGB Percent	25%, 24%, 12%
CMY	0.7490, 0.7608, 0.8824
CMYK	0.00, 0.05, 0.53, 0.75
HSL	55°, 36%, 18%
HSV	55°, 53%, 25%
XYZ	4.0174, 4.5212, 1.8892
YIQ	58.3630, 11.7390, -9.0050

Conversions

Conversions Part 2

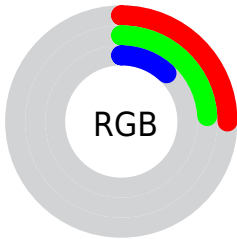
Format	Color
RYB	33, 64, 30
Decimal	4209950
CIELab	25.33, -3.95, 19.47
CIELCh	25, 19.870, 101.480
Yxy	4.5214, 0.3853, 0.4336
Android (android.graphics.Color)	4282400030 (0xFF403D1E)
YUV	58.3630, -13.9830, 4.9436
Hunter-Lab	21.2631, -3.4849, 9.6163

Details

The HunterLab color **21.2631, -3.4849, 9.6163** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **13.1675, 4.1324, -13.6544**, and the grayscale version is **20.7381, -1.1065, 1.1267**.

A 20% lighter version of the original color is **38.3977, -4.7051, 13.2996**, and **7.7094, -2.3238, 4.7098** is the 20% darker color. If you saturate the color by 10%, you get **21.0524, -3.6558, 10.5356**, and if you desaturate by 10%, it is **21.4897, -3.2350, 8.4913**.

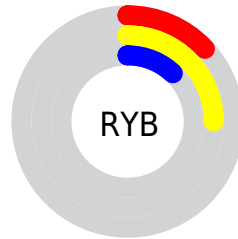
Distribution



Red (25%)

Green (24%)

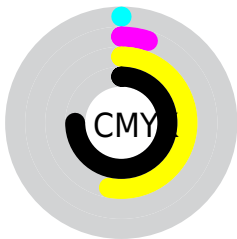
Blue (12%)



Red (13%)

Yellow (25%)

Blue (12%)

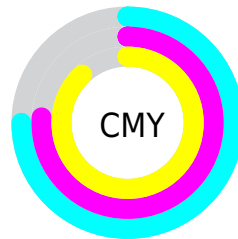


Cyan (0%)

Magenta (5%)

Yellow (53%)

Black (75%)



Cyan (75%)

Magenta (76%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2631, -3.4849, 9.6163 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 21.2631, -3.4849, 9.6163 by changing the saturation by 10% instead.

■ 21.2631, -3.4849,
9.6163

■ 21.2631, -3.4849,
9.6163

■ 120.4580,
-10.6874, 24.9442

■ 14.0332, -2.7809,
7.7702

■ 38.4390, -4.9366,
13.4327

■ 7.6782, -2.6545,
5.3747

■ 48.2146, -5.6915,
15.1927

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.7018, -6.4682,
16.8927

0.0000, NaN, NaN

■ 69.8553, -7.2673,
18.5497

0.0000, NaN, NaN

■ 81.6375, -8.0889,
20.1757

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.0164, -8.9329,

21.7794

0.0000, NaN, NaN

106.9646, -9.7992,
23.3672

21.2631, -3.4849,
9.6163

21.2631, -3.4849,
9.6163

21.0524, -3.6558,
10.5356

21.4897, -3.2350,
8.4913

20.8555, -3.7482,
11.2543

21.7311, -2.9024,
7.1564

20.6723, -3.7663,
11.7815

21.9880, -2.4868,
5.6102

20.4972, -3.7417,
12.1992

22.2607, -1.9880,
3.8531

20.3769, -3.7258,
12.4909

22.5493, -1.4066,
1.8869

■ 22.8537, -0.7434,
-0.2854

■ 23.1740, 0.0001,
-2.6595

■ 23.5101, 0.8222,
-5.2302

■ 23.8617, 1.7207,
-7.9916

Harmonies

Analogous

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



21.2636, 2.8365, 9.4214



21.2631, -3.4849, 9.6163



21.2636, -8.5560, 8.0890

Triad

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



21.2636, -3.4856, 9.6165



21.2636, -9.4456, -7.9411



21.2636, 11.5655, -2.8231

Complementary

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



21.2631, -3.4849, 9.6163



13.1675, 4.1324, -13.6544

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.



21.2636, 7.4663, -9.3694



21.2631, -3.4849, 9.6163



21.2636, -4.8361, -12.8658

Square

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



21.2636, -3.4856, 9.6165



21.2636, -11.7207, -1.2576



21.2636, 1.3209, -13.4535



21.2636, 12.0361, 3.3187

Rectangle

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



21.2631, -3.4849, 9.6163



21.2636, -10.7378, 5.9431



21.2636, 1.3209, -13.4535



21.2636, 10.5458, -5.0885

Sweetspot

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



21.2636, -3.4856, 9.6165



29.1950, -2.8679, 5.9404



14.5966, 9.4155, 3.1946



15.3093, -1.5327, 3.2142



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.



21.2636, -3.4856, 9.6165



27.6351, -4.8737, 14.2656



21.0922, -8.1130, 9.4021



12.2415, -0.9476, 1.6308



30.9417, -5.4692, 18.9704



77.0643, -13.0199, 47.2587

Inverse Universe

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



13.1675, 4.1324, -13.6544



14.5859, 8.1586, -25.0889



13.5107, 8.2138, -12.8165



11.4856, -0.2889, -0.4121



10.2308, 21.2786, -58.7220



24.2824, 58.6207, -156.8962

Previews

White Background



This preview shows how the HunterLab color 21.2631, -3.4849, 9.6163 looks on a white background.

Color Contrast Check

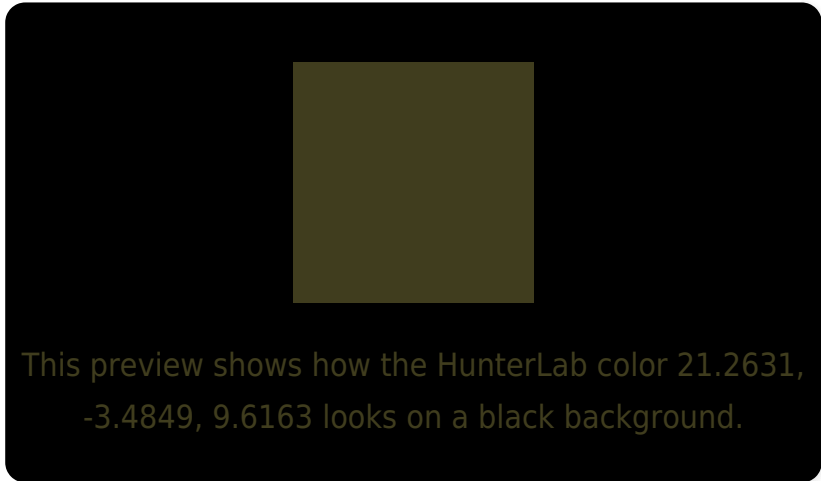
Large Text (above 18pt) WCAG AA ✓ Pass

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

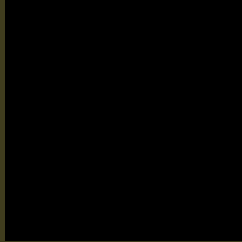
Any Text WCAG AA × Fail

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 21.2631, -3.4849, 9.6163 Background



This preview shows how black text looks on a background with the HunterLab color 21.2631, -3.4849, 9.6163.

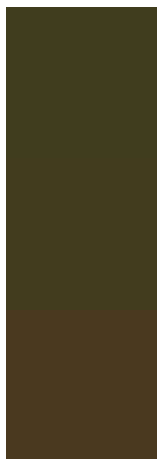


This preview shows how white text looks on a background with the HunterLab color 21.2631, -3.4849, 9.6163.

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

21.2631, -3.4849, 9.6163

Protanopia

21.1748, -2.5190, 9.5644

Deuteranopia

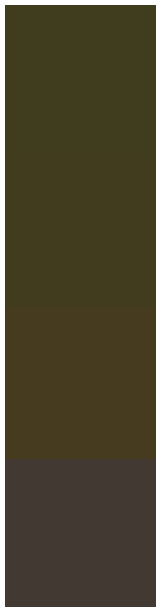
21.1684, 1.1917, 9.4339



Tritanopia

21.1361, 2.2601, 0.2792

Trichromacy



Original Color

21.2631, -3.4849, 9.6163

Protanomaly

21.0933, -2.8083, 9.4959

Deuteranomaly

21.0408, -0.4595, 9.3043

Tritanomaly

21.0111, 0.0633, 4.4328

Monochromacy



Original Color

21.2631, -3.4849, 9.6163

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.7412, -2.2091, 4.7486

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2631, -3.4849, 9.6163 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, 61, 30)` looks like.

```
.text, #text, p{  
    color:rgb(64, 61, 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, 61, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 61, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2631, -3.4849, 9.6163 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, 61, 30) }
```


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

```
.border{ border-color:rgb(64, 61, 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, 61, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 61, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 61, 30);  
box-shadow:4px 4px 4px 4px rgb(64, 61, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.2631, -3.4849, 9.6163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 61, 30) }
```

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

```
.background{ background-color: rgb(64, 61,  
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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