

Converting Colors

HunterLab(21.1170, -0.8901,
8.9350)

Have a look what the booklet for
HunterLab(21.1170, -0.8901, 8.9350)
contains.

HunterLab(21.2201, -1.0256, 9.0376)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(21.2201, -1.0256,
9.0376)**

Conversions

Conversions Part 1

Format	Color
Hex	453B21
RGB	69, 59, 33
RGB Percent	27%, 23%, 13%
CMY	0.7294, 0.7686, 0.8706
CMYK	0.00, 0.14, 0.52, 0.73
HSL	43°, 35%, 20%
HSV	43°, 52%, 27%
XYZ	4.2927, 4.5029, 2.0817
YIQ	59.0260, 14.3060, -5.9660

Conversions

Conversions Part 2

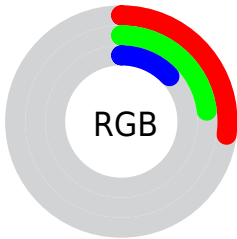
Format	Color
RYB	47, 69, 33
Decimal	4537121
CIELab	25.27, 0.18, 17.67
CIElCh	25, 17.675, 89.429
Yxy	4.5031, 0.3946, 0.4140
Android (android.graphics.Color)	4282727201 (0xFF453B21)
YUV	59.0260, -12.8308, 8.7472
Hunter-Lab	21.2201, -1.0256, 9.0376

Details

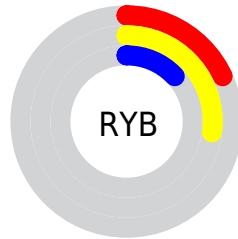
The HunterLab color **21.2201, -1.0256, 9.0376** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **15.7501, 1.5095, -11.4628**, and the grayscale version is **20.9614, -1.1184, 1.1389**.

A 20% lighter version of the original color is **38.3532, -1.9587, 12.4564**, and **7.7142, -0.1454, 4.7509** is the 20% darker color. If you saturate the color by 10%, you get **20.6760, -0.7076, 9.9087**, and if you desaturate by 10%, it is **21.7864, -1.2576, 7.9636**.

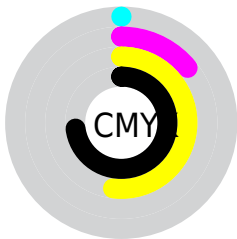
Distribution



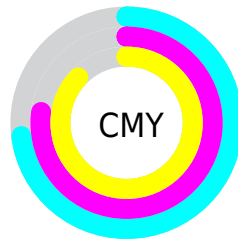
- Red (27%)
- Green (23%)
- Blue (13%)



- Red (18%)
- Yellow (27%)
- Blue (13%)



- Cyan (0%)
- Magenta (14%)
- Yellow (52%)
- Black (73%)



- Cyan (73%)
- Magenta (77%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2201, -1.0256, 9.0376 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 21.2201, -1.0256, 9.0376 by changing the saturation by 10% instead.

■ 21.2201, -1.0256,
9.0376

■ 21.2201, -1.0256,
9.0376

■ 120.3813, -6.2389,
23.3745

■ 13.9957, -0.6543,
7.2344

■ 38.3866, -1.9199,
12.5630

■ 7.6379, -0.3075,
5.3465

■ 48.1581, -2.4316,
14.1996

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.6415, -2.9820,
15.7866

0.0000, NaN, NaN

■ 69.7914, -3.5686,
17.3390


0.0000, NaN, NaN


■ 81.5702, -4.1892,
18.8674


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 93.9458, -4.8421,


 106.8909, -5.5258,
21.8802


 21.2201, -1.0256,
9.0376

 21.2201, -1.0256,
9.0376


 20.6760, -0.7076,
9.9087

 21.7864, -1.2576,
7.9636

 20.1529, -0.3013,
10.5738

 22.3731, -1.4020,
6.6905


 19.6515, 0.1909,
11.0338

 22.9800, -1.4614,
5.2249

 19.1682, 0.7472,
11.3448

 23.6065, -1.4380,
3.5738

 18.7949, 1.1840,
11.6020

 24.2521, -1.3345,
1.7454

■ 24.9162, -1.1538,
-0.2522

■ 25.5979, -0.8992,
-2.4103

■ 26.2967, -0.5739,
-4.7206

■ 27.0120, -0.1813,
-7.1747

Harmonies

Analogous

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



21.2206, 4.6054, 8.1991



21.2201, -1.0256, 9.0376



21.2206, -6.1533, 8.2618

Triad

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



21.2206, -1.0264, 9.0378



21.2206, -9.6950, -4.4982



21.2206, 8.9199, -4.7209

Complementary

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



21.2201, -1.0256, 9.0376



15.7501, 1.5095, -11.4628

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.



21.2206, 4.4013, -9.7991



21.2201, -1.0256, 9.0376



21.2206, -6.3205, -9.6489

Square

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



21.2206, -1.0264, 9.0378



21.2206, -10.8339, 1.2565



21.2206, -1.2402, -11.7991



21.2206, 10.6996, 1.0531

Rectangle

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



21.2201, -1.0256, 9.0376



21.2206, -8.6856, 6.7800



21.2206, -1.2402, -11.7991



21.2206, 7.6494, -6.6152

Sweetspot

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



21.2206, -1.0264, 9.0378



30.3078, -1.8952, 5.6308



15.9023, 10.7598, 1.3941



15.7351, -0.9877, 3.0279



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.



21.2206, -1.0264, 9.0378



26.6364, -0.7558, 13.1936



23.1614, -7.0892, 10.4645



12.8828, -0.7624, 1.5933



27.0016, 2.3362, 16.6791



65.4560, 7.9603, 40.4731

Inverse Universe

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



15.7501, 1.5095, -11.4628



17.9323, 3.7052, -20.3163



14.0881, 7.3327, -14.8854



12.3660, -0.5540, -0.2776



13.1228, 13.4893, -45.5218



30.1690, 39.7258, -123.4652

Previews

White Background



This preview shows how the HunterLab color 21.2201, -1.0256, 9.0376 looks on a white background.

Color Contrast Check

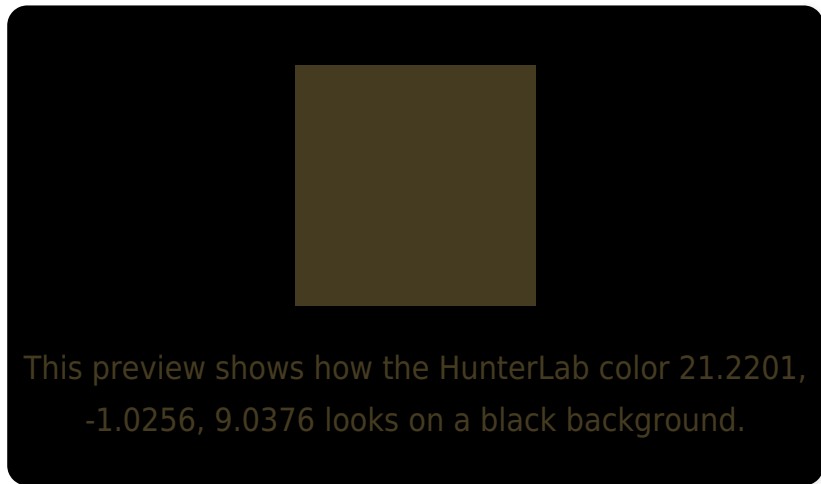
Large Text (above 18pt) WCAG AA ✓ Pass

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

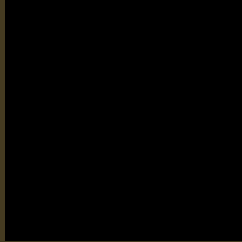
Any Text WCAG AA × Fail

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 21.2201, -1.0256, 9.0376 Background



This preview shows how black text looks on a background with the HunterLab color 21.2201, -1.0256, 9.0376.

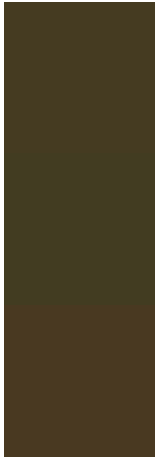


This preview shows how white text looks on a background with the HunterLab color 21.2201, -1.0256, 9.0376.

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

21.2201, -1.0256, 9.0376

Protanopia

21.2127, -2.3090, 9.0091

Deuteranopia

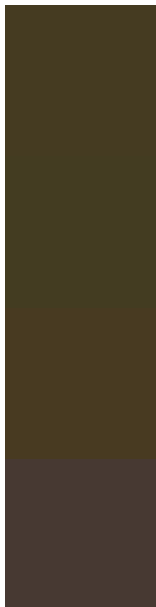
21.1010, 1.0157, 8.9772



Tritanopia

21.2892, 3.8471, 1.2800

Trichromacy



Original Color

21.2201, -1.0256, 9.0376

Protanomaly

21.2951, -2.0183, 9.0806

Deuteranomaly

21.2453, 0.2934, 9.0810

Tritanomaly

21.2041, 1.9312, 4.6620

Monochromacy



Original Color

21.2201, -1.0256, 9.0376

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

21.0119, -1.1793, 4.4118

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2201, -1.0256, 9.0376 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, 59, 33)` looks like.

```
.text, #text, p{  
    color:rgb(69, 59, 33)  
}
```

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, 59, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 59, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2201, -1.0256, 9.0376 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, 59, 33) }
```


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

```
.border{ border-color:rgb(69, 59, 33) }
```

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

Here you see how a box with a 4 pixel rgb(69, 59, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 59, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 59, 33);  
box-shadow:4px 4px 4px 4px rgb(69, 59, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.2201, -1.0256, 9.0376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 59, 33) }
```

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

```
.background{ background-color: rgb(69, 59,  
33) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor