

Converting Colors

HunterLab(21.6593, -0.1538,
9.6168)

Have a look what the booklet for
HunterLab(21.6593, -0.1538, 9.6168)
contains.

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Color

**HunterLab(21.8002, -0.2871,
9.7117)**

Conversions

Conversions Part 1

Format	Color
Hex	493C20
RGB	73, 60, 32
RGB Percent	29%, 24%, 13%
CMY	0.7137, 0.7647, 0.8745
CMYK	0.00, 0.18, 0.56, 0.71
HSL	41°, 39%, 21%
HSV	41°, 56%, 29%
XYZ	4.6242, 4.7525, 2.0401
YIQ	60.6950, 16.7360, -5.9520

Conversions

Conversions Part 2

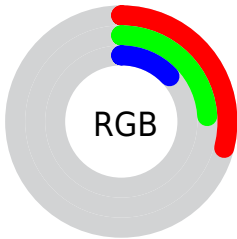
Format	Color
RYB	51, 73, 32
Decimal	4799520
CIE Lab	26.02, 1.42, 19.32
CIE LCh	26, 19.376, 85.799
Yxy	4.7527, 0.4050, 0.4163
Android (android.graphics.Color)	4282989600 (0xFF493C20)
YUV	60.6950, -14.1466, 10.7915
Hunter-Lab	21.8002, -0.2871, 9.7117

Details

The HunterLab color **21.8002, -0.2871, 9.7117** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **16.3242, 1.3568, -12.8113**, and the grayscale version is **21.5404, -1.1493, 1.1703**.

A 20% lighter version of the original color is **39.0668, -0.9014, 13.4013**, and **8.2431, 0.6286, 5.0904** is the 20% darker color. If you saturate the color by 10%, you get **21.1663, 0.2109, 10.5172**, and if you desaturate by 10%, it is **22.4605, -0.6919, 8.6918**.

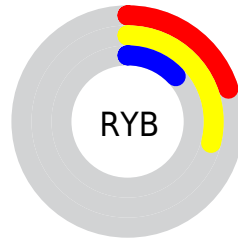
Distribution



Red (29%)

Green (24%)

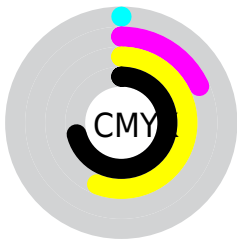
Blue (13%)



Red (20%)

Yellow (29%)

Blue (13%)

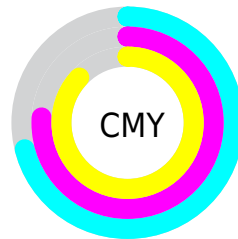


Cyan (0%)

Magenta (18%)

Yellow (56%)

Black (71%)



Cyan (71%)

Magenta (76%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8002, -0.2871, 9.7117 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 21.8002, -0.2871, 9.7117 by changing the saturation by 10% instead.

■ 21.8002, -0.2871,
9.7117

■ 21.8002, -0.2871,
9.7117

■ 121.4127, -4.9395,
24.9249

■ 14.5014, -0.0076,
7.7803

■ 39.0924, -1.0259,
13.4867

■ 8.1625, 0.3218,
5.7137

■ 48.9190, -1.4691,
15.2316

0.0000, NaN, NaN

■ 59.4537, -1.9557,
16.9188

0.0000, NaN, NaN

■ 70.6520, -2.4821,
18.5647

0.0000, NaN, NaN

■ 82.4765, -3.0458,
20.1808

0.0000, NaN, NaN

■ 94.8957, -3.6444,

0.0000, NaN, NaN

21.7756

0.0000, NaN, NaN

107.8824, -4.2762,
23.3554

21.8002, -0.2871,
9.7117

21.8002, -0.2871,
9.7117

21.1663, 0.2109,
10.5172

22.4605, -0.6919,
8.6918

20.5578, 0.8045,
11.1044

23.1448, -1.0019,
7.4627

19.9756, 1.4906,
11.4740

23.8530, -1.2200,
6.0321

19.4115, 2.2212,
11.7545

24.5841, -1.3490,
4.4090

19.1976, 2.5006,
11.8733

25.3372, -1.3920,
2.6027

■ 26.1115, -1.3527,
0.6230

■ 26.9060, -1.2348,
-1.5206

■ 27.7199, -1.0421,
-3.8184

■ 28.5524, -0.7785,
-6.2611

Harmonies

Analogous

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



21.8007, 5.9176, 8.6128



21.8002, -0.2871, 9.7117



21.8007, -6.0941, 9.1020

Triad

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



21.8007, -0.2880, 9.7119



21.8007, -10.8558, -4.3224



21.8007, 9.5482, -6.1630

Complementary

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



21.8002, -0.2871, 9.7117



16.3242, 1.3568, -12.8113

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.



21.8007, 4.2464, -11.6251



21.8002, -0.2871, 9.7117



21.8007, -7.4439, -10.3715

Square

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



21.8007, -0.2880, 9.7119



21.8007, -11.7853, 1.9978



21.8007, -2.0272, -13.3469



21.8007, 11.9829, 0.3431

Rectangle

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



21.8002, -0.2871, 9.7117



21.8007, -9.0387, 7.6828



21.8007, -2.0272, -13.3469



21.8007, 8.0154, -8.2456

Sweetspot

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



21.8007, -0.2880, 9.7119



31.8461, -1.7376, 6.0649



16.2609, 12.7167, 0.9430



16.4013, -0.8914, 3.2272



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



21.8007, -0.2880, 9.7119



27.2706, 0.5212, 13.9744



24.5630, -7.3676, 11.7081



12.8511, -0.7098, 1.5590



26.0824, 4.0228, 16.1422



63.0603, 12.4494, 39.0754

Inverse Universe

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



16.3242, 1.3568, -12.8113



18.6840, 3.5764, -22.2905



13.9363, 8.2669, -18.0844



12.3976, -0.6067, -0.2389



13.8465, 11.5755, -42.2952



31.8925, 34.7028, -114.7764

Previews

White Background



This preview shows how the HunterLab color 21.8002, -0.2871, 9.7117 looks on a white background.

Color Contrast Check

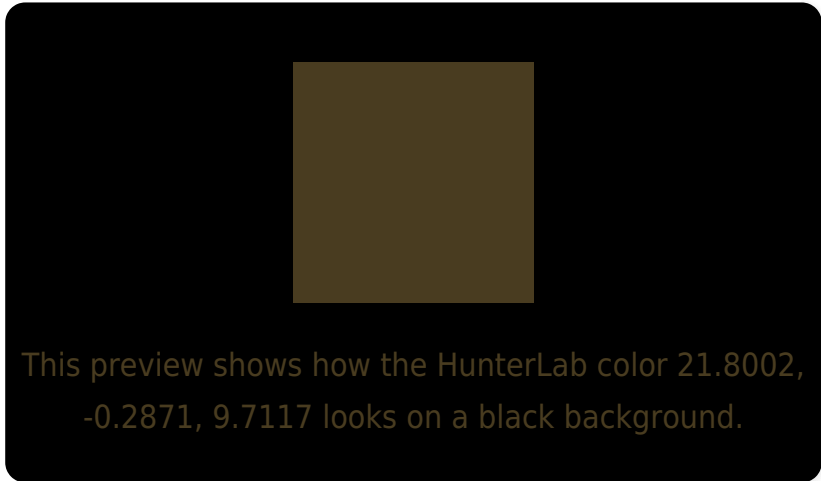
Large Text (above 18pt) WCAG AA ✓ Pass

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

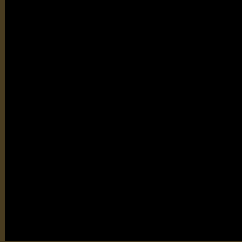
Any Text WCAG AA × Fail

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 21.8002, -0.2871, 9.7117 Background



This preview shows how black text looks on a background with the HunterLab color 21.8002, -0.2871, 9.7117.

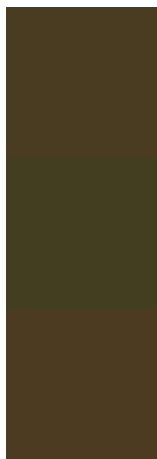


This preview shows how white text looks on a background with the HunterLab color 21.8002, -0.2871, 9.7117.

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

21.8002, -0.2871, 9.7117

Protanopia

21.8724, -2.5230, 9.5332

Deuteranopia

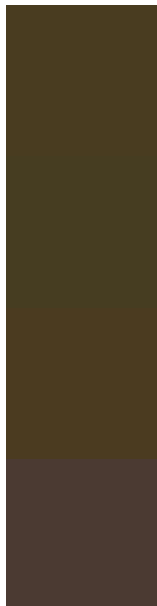
21.8374, 1.0623, 9.7646



Tritanopia

21.9082, 4.7286, 1.6345

Trichromacy



Original Color

21.8002, -0.2871, 9.7117

Protanomaly

21.7931, -1.5334, 9.4874

Deuteranomaly

21.7441, 0.7467, 9.6856

Tritanomaly

21.7997, 2.7132, 5.2732

Monochromacy



Original Color

21.8002, -0.2871, 9.7117

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

21.6601, -1.4435, 5.0615

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.8002, -0.2871, 9.7117 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(73, 60, 32)` looks like.

```
.text, #text, p{  
    color:rgb(73, 60, 32)  
}
```

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(73, 60, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 60, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 21.8002, -0.2871, 9.7117 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(73, 60, 32) }
```


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

```
.border{ border-color:rgb(73, 60, 32) }
```

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

Here you see how a box with a 4 pixel rgb(73, 60, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 60, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 60, 32);  
box-shadow:4px 4px 4px 4px rgb(73, 60, 32)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.8002, -0.2871, 9.7117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 60, 32) }
```

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

```
.background{ background-color: rgb(73, 60,  
32) }
```

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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