

Converting Colors

HunterLab(21.7865, 1.8562,
8.0839)

Have a look what the booklet for
HunterLab(21.7865, 1.8562, 8.0839)
contains.

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Color

**HunterLab(21.7159, 2.0813,
7.9367)**

Conversions

Conversions Part 1

Format	Color
Hex	4C3A28
RGB	76, 58, 40
RGB Percent	30%, 23%, 16%
CMY	0.7020, 0.7725, 0.8431
CMYK	0.00, 0.24, 0.47, 0.70
HSL	30°, 31%, 23%
HSV	30°, 47%, 30%
XYZ	4.8765, 4.7158, 2.6607
YIQ	61.3300, 16.5060, -1.7820

Conversions

Conversions Part 2

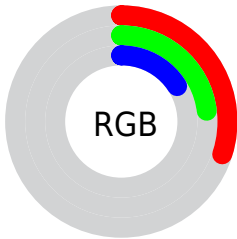
Format	Color
RYB	76, 76, 40
Decimal	4995624
CIELab	25.91, 5.15, 14.22
CIElCh	26, 15.123, 70.100
Yxy	4.7160, 0.3980, 0.3849
Android (android.graphics.Color)	4283185704 (0xFF4C3A28)
YUV	61.3300, -10.5157, 12.8656
Hunter-Lab	21.7159, 2.0813, 7.9367




Details

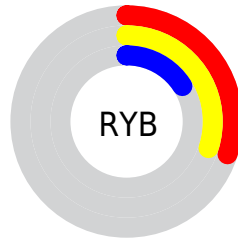
The HunterLab color **21.7159, 2.0813, 7.9367** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.9972, -2.0343, -7.9858**, and the grayscale version is **21.7478, -1.1604, 1.1816**.

A 20% lighter version of the original color is **38.9803, 1.8259, 10.9793**, and **8.2320, 2.5280, 5.1168** is the 20% darker color. If you saturate the color by 10%, you get **20.7369, 3.0937, 8.8430**, and if you desaturate by 10%, it is **22.7384, 1.1672, 6.8525**.

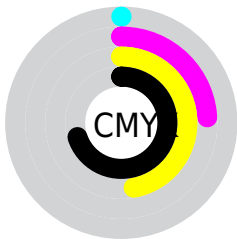
Distribution







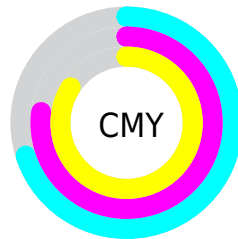
-  Red (30%)
-  Green (23%)
-  Blue (16%)






-  Red (30%)
-  Yellow (30%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (24%)
-  Yellow (47%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (77%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7159, 2.0813, 7.9367 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 21.7159, 2.0813, 7.9367 by changing the saturation by 10% instead.

■ 21.7159, 2.0813,
7.9367

■ 21.7159, 2.0813,
7.9367

■ 121.2632, -0.8381,
20.3858

■ 14.4278, 2.0819,
6.3040

■ 38.9900, 1.8200,
10.9015

■ 8.0887, 2.3411,
5.6621

■ 48.8086, 1.5878,
12.3027

0.0000, NaN, NaN

■ 59.3359, 1.2986,
13.6750

0.0000, NaN, NaN

■ 70.5272, 0.9583,
15.0292

0.0000, NaN, NaN

■ 82.3451, 0.5712,
16.3727

0.0000, NaN, NaN

■ 94.7580, 0.1409,

0.0000, NaN, NaN

17.7108

0.0000, NaN, NaN

107.7387, -0.3297,
19.0476

21.7159, 2.0813,
7.9367

21.7159, 2.0813,
7.9367

20.7369, 3.0937,
8.8430

22.7384, 1.1672,
6.8525

19.8031, 4.2092,
9.5563

23.7997, 0.3502,
5.6041

18.9184, 5.4261,
10.0645

24.8976, -0.3753,
4.2060

18.0860, 6.7402,
10.3587

26.0293, -1.0149,
2.6713

17.2979, 8.0859,
10.6035

27.1925, -1.5742,
1.0125

■ 17.0967, 8.4367,
10.6826

■ 28.3850, -2.0589,
-0.7594

■ 29.6048, -2.4745,
-2.6343

■ 30.8501, -2.8262,
-4.6034

■ 32.1193, -3.1189,
-6.6585

Harmonies

Analogous

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



21.7164, 6.3812, 6.1220



21.7159, 2.0813, 7.9367



21.7164, -2.7589, 8.1852

Triad

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



21.7164, 2.0804, 7.9370



21.7164, -9.5397, -0.4189



21.7164, 5.1276, -6.6867

Complementary

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



21.7159, 2.0813, 7.9367



19.9972, -2.0343, -7.9858

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.



21.7164, 0.4868, -9.3923



21.7159, 2.0813, 7.9367



21.7164, -7.7945, -5.2865

Square

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



21.7164, 2.0804, 7.9370



21.7164, -9.1938, 3.9699



21.7164, -4.2207, -8.8305



21.7164, 8.2439, -2.0327

Rectangle

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



21.7159, 2.0813, 7.9367



21.7164, -5.6085, 7.5019



21.7164, -4.2207, -8.8305



21.7164, 3.6783, -7.8956

Sweetspot

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



21.7164, 2.0804, 7.9370



33.2892, -0.7460, 4.9963



18.3293, 11.7766, -1.4481



16.9698, -0.3259, 2.6891



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



21.7164, 2.0804, 7.9370



27.1499, 4.3404, 11.8641



26.1889, -5.2902, 11.4999



13.4799, -0.4877, 1.4991



22.7879, 12.3174, 14.2574



53.8029, 33.8286, 33.7453

Inverse Universe

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



19.9972, -2.0343, -7.9858



24.3674, -2.2073, -14.0209



15.7815, 5.6179, -15.8649



13.3086, -0.9071, -0.0790



18.2387, 3.1375, -29.5699



42.2930, 11.7224, -78.1679

Previews

White Background



This preview shows how the HunterLab color 21.7159, 2.0813, 7.9367 looks on a white background.

Color Contrast Check

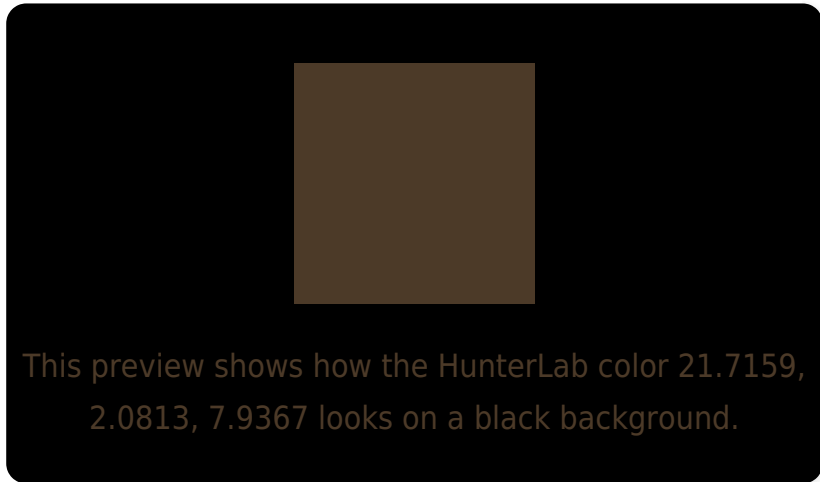
Large Text (above 18pt) WCAG AA ✓ Pass

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

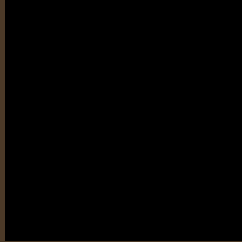
Any Text WCAG AA × Fail

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 21.7159, 2.0813, 7.9367 Background



This preview shows how black text looks on a background with the HunterLab color 21.7159, 2.0813, 7.9367.



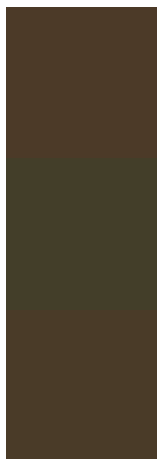
This preview shows how white text looks on a background with the HunterLab color 21.7159, 2.0813,

7.9367.

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

21.7159, 2.0813, 7.9367

Protanopia

21.9058, -2.1752, 7.7822

Deuteranopia

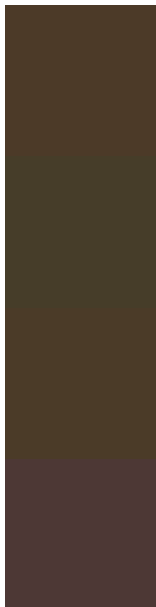
21.7646, 1.0409, 7.9608



Tritanopia

21.6294, 6.0830, 1.7160

Trichromacy



Original Color

21.7159, 2.0813, 7.9367

Protanomaly

21.9082, -0.9027, 7.8066

Deuteranomaly

21.8563, 1.3500, 8.0457

Tritanomaly

21.5944, 4.5100, 4.1376

Monochromacy



Original Color

21.7159, 2.0813, 7.9367

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

21.5569, -0.4195, 4.0122

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7159, 2.0813, 7.9367 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(76, 58, 40)` looks like.

```
.text, #text, p{  
    color:rgb(76, 58, 40)  
}
```

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(76, 58, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 58, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7159, 2.0813, 7.9367 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(76, 58, 40) }
```


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

```
.border{ border-color:rgb(76, 58, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 58, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 58, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 58, 40);  
box-shadow:4px 4px 4px 4px rgb(76, 58, 40)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.7159, 2.0813, 7.9367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 58, 40) }
```

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

```
.background{ background-color: rgb(76, 58,  
40) }
```

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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