

Converting Colors

HunterLab(21.7709, 9.0099,
8.4111)

Have a look what the booklet for
HunterLab(21.7709, 9.0099, 8.4111)
contains.

HunterLab(21.7401, 8.8706, 8.3167)	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(21.7401, 8.8706,
8.3167)**

Conversions

Conversions Part 1

Format	Color
Hex	593427
RGB	89, 52, 39
RGB Percent	35%, 20%, 15%
CMY	0.6510, 0.7961, 0.8471
CMYK	0.00, 0.42, 0.56, 0.65
HSL	16°, 39%, 25%
HSV	16°, 56%, 35%
XYZ	5.7140, 4.7263, 2.5306
YIQ	61.5810, 26.2250, 3.8010

Conversions

Conversions Part 2

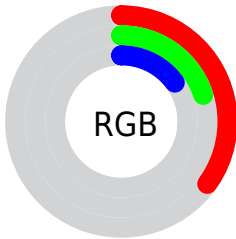
Format	Color
R_YB	89, 57, 39
Decimal	5846055
CIE _{Lab}	25.94, 15.09, 15.24
CIE _{LCh}	26, 21.446, 45.272
Yxy	4.7266, 0.4405, 0.3644
Android (android.graphics.Color)	4284036135 (0xFF593427)
YUV	61.5810, -11.1324, 24.0465
Hunter-Lab	21.7401, 8.8706, 8.3167




Details

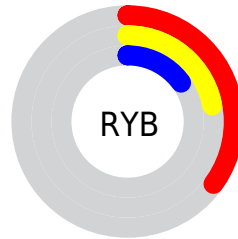
The HunterLab color **21.7401, 8.8706, 8.3167** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **25.1419, -6.9084, -6.9165**, and the grayscale version is **21.8344, -1.1650, 1.1863**.




A 20% lighter version of the original color is **39.0211, 9.6916, 11.4701**, and **8.1657, 7.8350, 5.1688** is the 20% darker color. If you saturate the color by 10%, you get **20.3147, 11.1054, 9.1077**, and if you desaturate by 10%, it is **23.2856, 6.7325, 7.3738**.

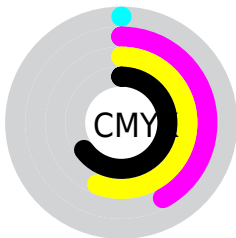
Distribution







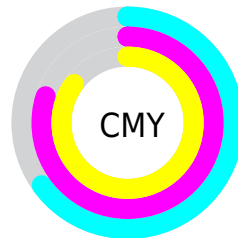
-  Red (35%)
-  Green (20%)
-  Blue (15%)






-  Red (35%)
-  Yellow (22%)
-  Blue (15%)



-  Cyan (0%)
-  Magenta (42%)
-  Yellow (56%)
-  Black (65%)



-  Cyan (65%)
-  Magenta (80%)
-  Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7401, 8.8706, 8.3167 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 21.7401, 8.8706, 8.3167 by changing the saturation by 10% instead.

■ 21.7401, 8.8706,
8.3167

■ 21.7401, 8.8706,
8.3167

■ 121.3062, 10.3445,
21.3078

■ 14.4490, 8.2060,
6.6004

■ 39.0195, 9.7890,
11.4402

■ 8.1100, 7.8807,
5.6770

■ 48.8403, 10.0886,
12.9087

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.3698, 10.3010,
14.3427

0.0000, NaN, NaN

■ 70.5631, 10.4362,
15.7541

0.0000, NaN, NaN

■ 82.3829, 10.5024,
17.1510

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.7976, 10.5058,

18.5396

0.0000, NaN, NaN

107.7800, 10.4518,
19.9241

21.7401, 8.8706,
8.3167

21.7401, 8.8706,
8.3167

20.3147, 11.1054,
9.1077

23.2856, 6.7325,
7.3738

19.0230, 13.4113,
9.7149

24.9356, 4.7083,
6.3057

17.8814, 15.7366,
10.1084

26.6784, 2.7996,
5.1359

16.8971, 17.9714,
10.3839

28.5032, 1.0028,
3.8832

16.5601, 18.7603,
10.5327

30.4010, -0.6893,
2.5624

■ 32.3640, -2.2857,
1.1848

■ 34.3856, -3.7955,
-0.2405

■ 36.4603, -5.2282,
-1.7067

■ 38.5832, -6.5921,
-3.2085

Harmonies

Analogous

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



21.7406, 13.0065, 4.2223



21.7401, 8.8706, 8.3167



21.7406, 2.2777, 10.1275

Triad

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



21.7406, 8.8694, 8.3170



21.7406, -12.4558, 4.1247



21.7406, 2.4056, -14.6379

Complementary

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



21.7401, 8.8706, 8.3167



25.1419, -6.9084, -6.9165

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.



21.7406, -4.3988, -14.6887



21.7401, 8.8706, 8.3167



21.7406, -12.4306, -2.3693

Square

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



21.7406, 8.8694, 8.3170



21.7406, -9.7233, 8.2647



21.7406, -9.6494, -9.6887



21.7406, 8.9729, -9.5661

Rectangle

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



21.7401, 8.8706, 8.3167



21.7406, -2.3542, 10.3072



21.7406, -9.6494, -9.6887



21.7406, 0.0581, -15.2845

Sweetspot

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



21.7406, 8.8694, 8.3170



36.9236, 1.6209, 5.3030



20.2576, 18.8926, -7.4664



18.4456, 0.9491, 2.7656



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



21.7406, 8.8694, 8.3170



26.0367, 15.3910, 12.1629



27.4014, -1.6683, 12.7021



14.8154, -0.1310, 1.4402



19.8884, 23.4183, 12.6651



45.7520, 59.5994, 29.2356

Inverse Universe

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



25.1419, -6.9084, -6.9165



31.2766, -9.3913, -11.4962



18.8791, 3.3220, -17.9900



15.1010, -1.4188, 0.1742



25.8680, -7.5027, -16.1366



60.0748, -16.0068, -40.5341

Previews

White Background



This preview shows how the HunterLab color 21.7401, 8.8706, 8.3167 looks on a white background.

Color Contrast Check

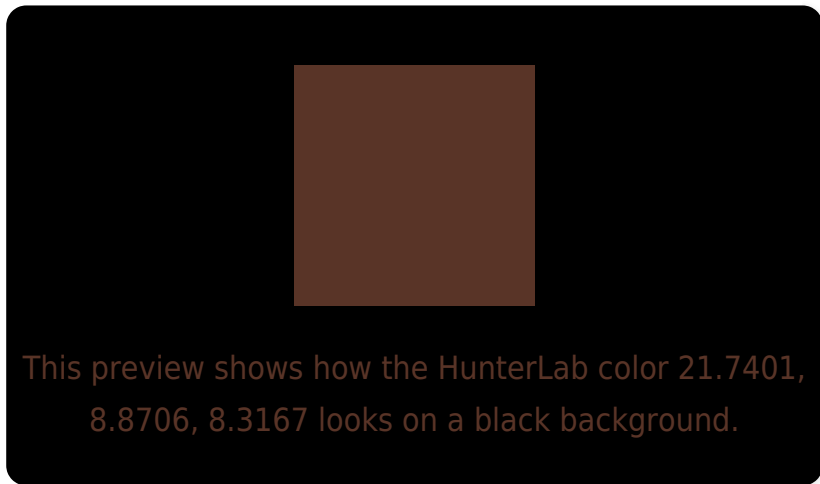
Large Text (above 18pt) WCAG AA ✓ Pass

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

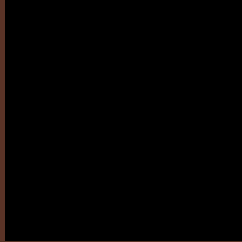
Any Text WCAG AA × Fail

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 21.7401, 8.8706, 8.3167 Background



This preview shows how black text looks on a background with the HunterLab color 21.7401, 8.8706, 8.3167.

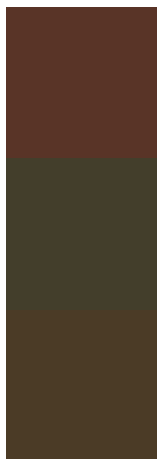


This preview shows how white text looks on a background with the HunterLab color 21.7401, 8.8706,

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

21.7401, 8.8706, 8.3167

Protanopia

21.9385, -1.9949, 7.3068

Deuteranopia

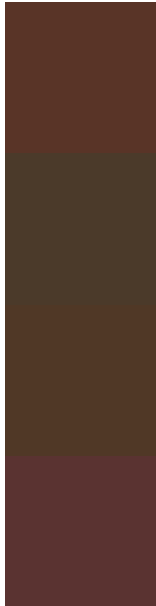
21.8260, 1.1871, 8.4886



Tritanopia

21.7283, 11.4541, 4.0662

Trichromacy



Original Color

21.7401, 8.8706, 8.3167

Protanomaly

21.6544, 1.9407, 7.3797

Deuteranomaly

21.6189, 4.0472, 8.3633

Tritanomaly

21.8244, 10.5098, 5.7382

Monochromacy



Original Color

21.7401, 8.8706, 8.3167

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

21.6106, 2.2533, 3.7807

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7401, 8.8706, 8.3167 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(89, 52, 39)` looks like.

```
.text, #text, p{  
    color:rgb(89, 52, 39)  
}
```

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(89, 52, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 52, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7401, 8.8706, 8.3167 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(89, 52, 39) }
```


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

```
.border{ border-color:rgb(89, 52, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 52, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 52, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 52, 39);  
box-shadow:4px 4px 4px 4px rgb(89, 52, 39)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.7401, 8.8706, 8.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 52, 39) }
```

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

```
.background{ background-color: rgb(89, 52,  
39) }
```

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