

Converting Colors

HunterLab(17.8489, 3.8092,
2.5656)

Have a look what the booklet for
HunterLab(17.8489, 3.8092, 2.5656)
contains.

HunterLab(17.9109, 3.7365, 2.5458)	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(17.9109, 3.7365,
2.5458)**

Conversions

Conversions Part 1

Format	Color
Hex	3F2E2E
RGB	63, 46, 46
RGB Percent	25%, 18%, 18%
CMY	0.7529, 0.8196, 0.8196
CMYK	0.00, 0.27, 0.27, 0.75
HSL	0°, 16%, 21%
HSV	0°, 27%, 25%
XYZ	3.5200, 3.2080, 3.0184
YIQ	51.0830, 10.1320, 3.6040

Conversions

Conversions Part 2

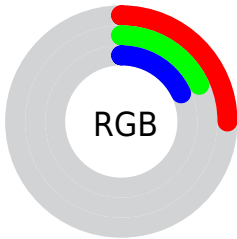
Format	Color
RYB	63, 46, 46
Decimal	4140590
CIELab	20.86, 7.79, 3.02
CIELCh	21, 8.354, 21.188
Yxy	3.2082, 0.3612, 0.3292
Android (android.graphics.Color)	4282330670 (0xFF3F2E2E)
YUV	51.0830, -2.5059, 10.4512
Hunter-Lab	17.9109, 3.7365, 2.5458

Details

The HunterLab color **17.9109, 3.7365, 2.5458** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **21.2004, -5.0947, -0.1772**, and the grayscale version is **18.2287, -0.9726, 0.9904**.

A 20% lighter version of the original color is **34.3606, 3.8414, 3.7688**, and **3.9929, 6.8379, 2.5801** is the 20% darker color. If you saturate the color by 10%, you get **16.4485, 5.6880, 3.0949**, and if you desaturate by 10%, it is **19.4689, 1.8516, 2.0269**.

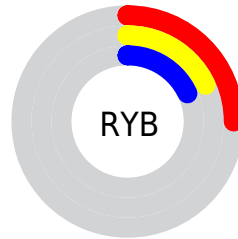
Distribution



Red (25%)

Green (18%)

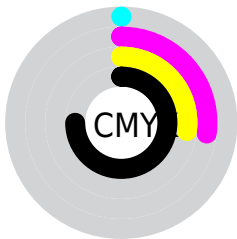
Blue (18%)



Red (25%)

Yellow (18%)

Blue (18%)

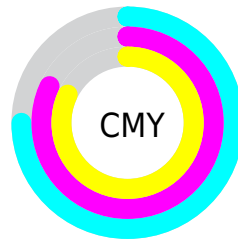


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (75%)



Cyan (75%)

Magenta (82%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.9109, 3.7365, 2.5458 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 17.9109, 3.7365, 2.5458 by changing the saturation by 10% instead.

■ 17.9109, 3.7365,
2.5458

■ 17.9109, 3.7365,
2.5458

■ 114.3654, 2.3026,
9.2410

■ 11.1416, 3.4830,
1.9237

■ 34.3172, 3.8969,
3.8527

■ 3.0837, 10.8426,
2.1586

■ 43.7575, 3.8470,
4.5440

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.9330, 3.7268,
5.2620

0.0000, NaN, NaN

■ 64.7940, 3.5446,
6.0064

0.0000, NaN, NaN

■ 76.2997, 3.3065,
6.7770

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.4157, 3.0177,

101.1128, 2.6819,
8.3948

17.9109, 3.7365,
2.5458

17.9109, 3.7365,
2.5458

16.4485, 5.6880,
3.0949

19.4689, 1.8516,
2.0269

15.0965, 7.6951,
3.6701

21.1079, 0.0375,
1.5370

13.8744, 9.7259,
4.2625

22.8175, -1.7100,
1.0746

12.8036, 11.7220,
4.8542

24.5889, -3.3973,
0.6367

11.9066, 13.5922,
5.4162

26.4150, -5.0316,
0.2206

■ 11.1931, 15.2393,
5.9166

■ 28.2898, -6.6200,
-0.1766

■ 10.4990, 17.0069,
6.4591

■ 30.2084, -8.1691,
-0.5576

■ 10.2805, 17.6025,
6.6430

■ 32.1669, -9.6850,
-0.9245

■ 34.1618, -11.1727,
-1.2793

Harmonies

Analogous

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



17.9113, 4.0310, 0.2622



17.9109, 3.7365, 2.5458



17.9113, 2.1481, 4.1768

Triad

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



17.9113, 3.7358, 2.5461



17.9113, -4.5411, 3.6041



17.9113, -1.6851, -4.1422

Complementary

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



17.9109, 3.7365, 2.5458



21.2004, -5.0947, -0.1772

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.



17.9113, -3.8633, -2.9548



17.9109, 3.7365, 2.5458



17.9113, -5.4520, 1.6596

Square

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



17.9113, 3.7358, 2.5461



17.9113, -2.6566, 4.7270



17.9113, -5.2109, -0.7528



17.9113, 0.8091, -3.8195

Rectangle

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



17.9109, 3.7365, 2.5458



17.9113, 0.6155, 4.7767



17.9113, -5.2109, -0.7528



17.9113, -2.4764, -3.9011

Sweetspot

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



17.9113, 3.7358, 2.5461



27.0683, 0.3638, 2.0769



18.3566, 6.0340, -3.7721



13.8019, 0.2762, 1.0894



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



17.9113, 3.7358, 2.5461



21.9902, 6.4537, 3.7519



19.8473, 0.2132, 4.5120



10.8428, 0.1492, 0.8331



15.4868, 26.5185, 10.0072



39.3781, 67.4333, 25.4451

Inverse Universe

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



21.2004, -5.0947, -0.1772



27.2089, -7.6156, -0.5886



19.0391, -1.7559, -2.9436



11.3863, -1.3006, 0.3863



29.8005, -15.7971, -3.1467



75.7746, -40.1673, -8.0019

Previews

White Background



This preview shows how the HunterLab color 17.9109, 3.7365, 2.5458 looks on a white background.

Color Contrast Check

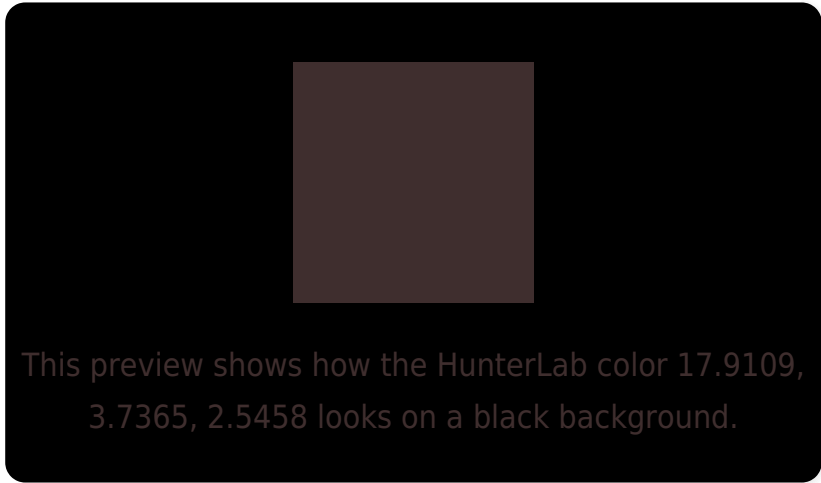
Large Text (above 18pt) WCAG AA ✓ Pass

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

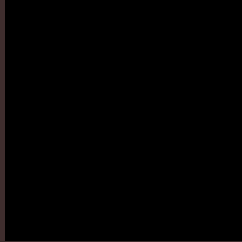
Any Text WCAG AA × Fail

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 17.9109, 3.7365, 2.5458 Background



This preview shows how black text looks on a background with the HunterLab color 17.9109, 3.7365, 2.5458.



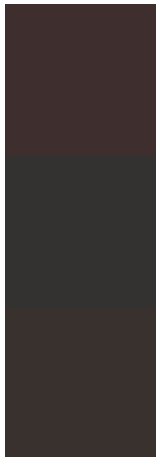
This preview shows how white text looks on a background with the HunterLab color 17.9109, 3.7365,

2.5458.

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

17.9109, 3.7365, 2.5458

Protanopia

17.9574, -0.7074, 1.8203

Deuteranopia

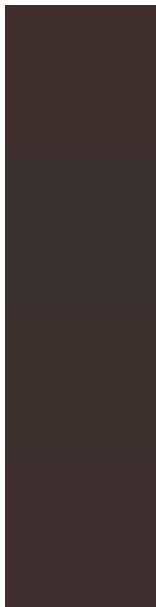
18.0658, 0.7811, 2.6628



Tritanopia

17.9792, 4.0919, 1.5681

Trichromacy



Original Color

17.9109, 3.7365, 2.5458

Protanomaly

18.0073, 0.6270, 2.2522

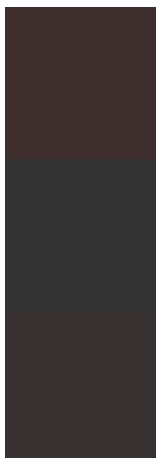
Deuteranomaly

18.0027, 1.7481, 2.6111

Tritanomaly

17.9559, 3.9710, 1.9005

Monochromacy



Original Color

17.9109, 3.7365, 2.5458

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

17.9739, 0.6056, 1.5010

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.9109, 3.7365, 2.5458 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(63, 46, 46)` looks like.

```
.text, #text, p{  
    color:rgb(63, 46, 46)  
}
```

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(63, 46, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 46, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 17.9109, 3.7365, 2.5458 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(63, 46, 46) }
```


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

```
.border{ border-color:rgb(63, 46, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 46, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 46, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 46, 46);  
box-shadow:4px 4px 4px 4px rgb(63, 46, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.9109, 3.7365, 2.5458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 46, 46) }
```

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

```
.background{ background-color: rgb(63, 46,  
46) }
```

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