

Converting Colors

HunterLab(17.7170, -4.1662,
2.1243)

Have a look what the booklet for
HunterLab(17.7170, -4.1662, 2.1243)
contains.

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Color

**HunterLab(17.7355, -4.1046,
2.2158)**

Conversions

Conversions Part 1

Format	Color
Hex	2A342E
RGB	42, 52, 46
RGB Percent	16%, 20%, 18%
CMY	0.8353, 0.7961, 0.8196
CMYK	0.19, 0.00, 0.12, 0.80
HSL	144°, 11%, 18%
HSV	144°, 19%, 20%
XYZ	2.6760, 3.1455, 3.0509
YIQ	48.3260, -4.0340, -3.9860

Conversions

Conversions Part 2

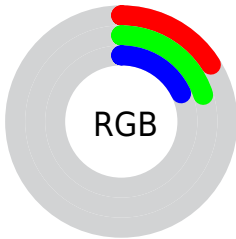
Format	Color
RYB	42, 49, 52
Decimal	2765870
CIELab	20.62, -5.73, 2.39
CIElCh	21, 6.204, 157.364
Yxy	3.1456, 0.3016, 0.3545
Android (android.graphics.Color)	4280955950 (0xFF2A342E)
YUV	48.3260, -1.1467, -5.5479
Hunter-Lab	17.7355, -4.1046, 2.2158

Details

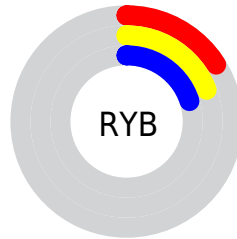
The HunterLab color **17.7355, -4.1046, 2.2158** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.1229, 2.5381, -0.3044**, and the grayscale version is **17.3056, -0.9234, 0.9402**.

A 20% lighter version of the original color is **33.9622, -5.6669, 3.1519**, and **2.9467, -2.5268, 1.7715** is the 20% darker color. If you saturate the color by 10%, you get **17.3761, -5.5716, 2.8503**, and if you desaturate by 10%, it is **18.1328, -2.5297, 1.5843**.

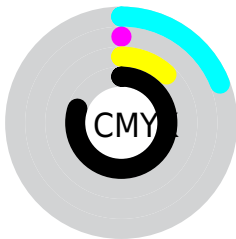
Distribution



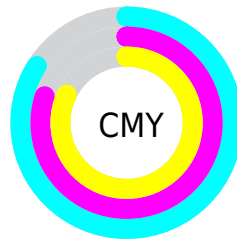
- Red (16%)
- Green (20%)
- Blue (18%)



- Red (16%)
- Yellow (19%)
- Blue (20%)



- Cyan (19%)
- Magenta (0%)
- Yellow (12%)
- Black (80%)



- Cyan (84%)
- Magenta (80%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.7355, -4.1046, 2.2158 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 17.7355, -4.1046, 2.2158 by changing the saturation by 10% instead.

■ 17.7355, -4.1046,
2.2158

■ 17.7355, -4.1046,
2.2158

■ 114.0396,
-12.1173, 8.5969

■ 10.9919, -3.2423,
1.6493

■ 34.0991, -5.7988,
3.4323

■ 2.6154, -4.5769,
1.8308

■ 43.5210, -6.6544,
4.0851

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.6795, -7.5227,
4.7674

0.0000, NaN, NaN

■ 64.5244, -8.4065,
5.4786

0.0000, NaN, NaN

■ 76.0150, -9.3071,
6.2179

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.1167, -10.2254,

100.8000,
-11.1621, 7.7778

17.7355, -4.1046,
2.2158

17.7355, -4.1046,
2.2158

17.3761, -5.5716,
2.8503

18.1328, -2.5297,
1.5843

17.0540, -6.9191,
3.4825

18.5660, -0.8571,
0.9592

16.7700, -8.1379,
4.1076

19.0343, 0.9016,
0.3441

16.5241, -9.2200,
4.7201

19.5365, 2.7355,
-0.2581

16.3158, -10.1597,
5.3147

20.0712, 4.6343,
-0.8451

■ 16.1441, -10.9541,
5.8857

■ 20.6371, 6.5884,
-1.4152

■ 15.9964, -11.6498,
6.4179

■ 21.2326, 8.5890,
-1.9671

■ 15.8523, -12.3291,
6.8919

■ 21.8564, 10.6285,
-2.5002

■ 15.8414, -12.3806,
6.9259

■ 22.5071, 12.7000,
-3.0140

Harmonies

Analogous

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



17.7359, -3.0497, 3.4441



17.7355, -4.1046, 2.2158



17.7359, -4.3310, 0.5273

Triad

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



17.7359, -4.1049, 2.2160



17.7359, -0.4902, -2.7191



17.7359, 1.9620, 2.8942

Complementary

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



17.7355, -4.1046, 2.2158



16.1229, 2.5381, -0.3044

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.



17.7359, 2.7108, 1.3926



17.7355, -4.1046, 2.2158



17.7359, 1.2579, -1.9324

Square

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



17.7359, -4.1049, 2.2160



17.7359, -2.2924, -2.4411



17.7359, 2.4480, -0.3835



17.7359, 0.4392, 3.8068

Rectangle

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



17.7355, -4.1046, 2.2158



17.7359, -3.9899, -0.6572



17.7359, 2.4480, -0.3835



17.7359, 2.3153, 2.4479

Sweetspot

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



17.7359, -4.1049, 2.2160



23.9787, -2.6977, 1.8416



18.0437, -3.1565, 3.8653



12.9884, -1.4675, 1.0000



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



17.7359, -4.1049, 2.2160



23.0532, -6.3797, 3.3298



17.8491, -3.4665, 0.5977



9.8195, -1.2750, 0.8206



27.0406, -21.5301, 12.6789



70.8378, -57.3010, 35.1553

Inverse Universe

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



16.1229, 2.5381, -0.3044



20.3979, 4.5675, -0.8149



16.0053, 1.9167, 1.3699



9.4438, 0.2700, 0.2328



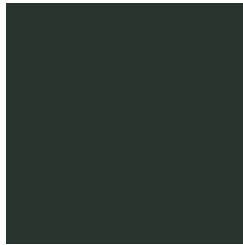
15.4868, 28.2144, -3.1152



40.4064, 73.1897, -4.8402

Previews

White Background



This preview shows how the HunterLab color 17.7355, -4.1046, 2.2158 looks on a white background.

Color Contrast Check

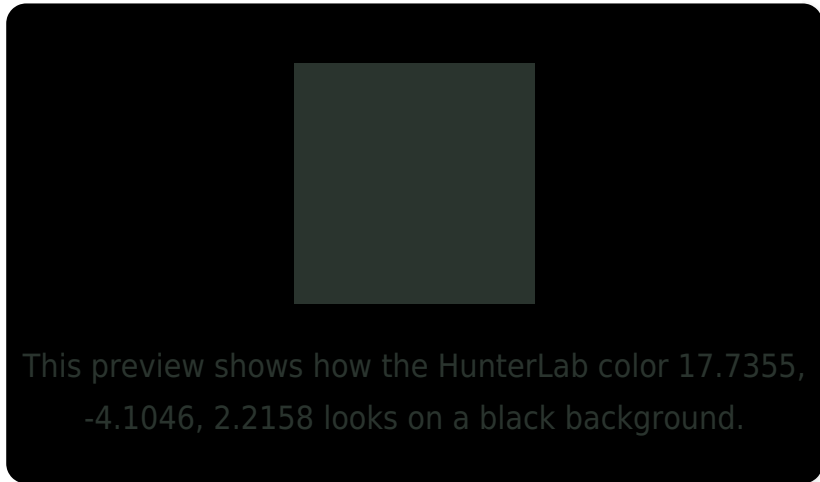
Large Text (above 18pt) WCAG AA ✓ Pass

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

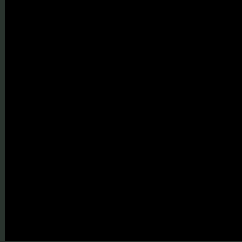
Any Text WCAG AA × Fail

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 17.7355, -4.1046, 2.2158 Background



This preview shows how black text looks on a background with the HunterLab color 17.7355, -4.1046, 2.2158.



This preview shows how white text looks on a background with the HunterLab color 17.7355, -4.1046,

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

17.7355, -4.1046, 2.2158

Protanopia

17.6526, -0.6766, 2.5272

Deuteranopia

17.6957, 0.7628, 1.9067



Tritanopia

17.8296, -2.0474, -1.0686

Trichromacy



Original Color

17.7355, -4.1046, 2.2158

Protanomaly

17.6041, -2.0796, 2.4498

Deuteranomaly

17.5498, -0.9437, 1.7121

Tritanomaly

17.6895, -2.7033, -0.0362

Monochromacy



Original Color

17.7355, -4.1046, 2.2158

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.2705, -1.9235, 1.3758

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.7355, -4.1046, 2.2158 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(42, 52, 46)` looks like.

```
.text, #text, p{  
    color:rgb(42, 52, 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(42, 52, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 52, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 17.7355, -4.1046, 2.2158 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(42, 52, 46) }
```


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

```
.border{ border-color:rgb(42, 52, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 52, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 52, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 52, 46);  
box-shadow:4px 4px 4px 4px rgb(42, 52, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.7355, -4.1046, 2.2158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 52, 46) }
```

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

```
.background{ background-color: rgb(42, 52,  
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](#).

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