

Converting Colors

HunterLab(17.8746, -2.4552,
3.3901)

Have a look what the booklet for
HunterLab(17.8746, -2.4552, 3.3901)
contains.

HunterLab(17.8747, -2.4556, 3.3903)	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(17.8747, -2.4556,
3.3903)**

Conversions

Conversions Part 1

Format	Color
Hex	31332B
RGB	49, 51, 43
RGB Percent	19%, 20%, 17%
CMY	0.8078, 0.8000, 0.8314
CMYK	0.04, 0.00, 0.16, 0.80
HSL	75°, 9%, 18%
HSV	75°, 16%, 20%
XYZ	2.8865, 3.1950, 2.7501
YIQ	49.4900, 1.3760, -2.9120

Conversions

Conversions Part 2

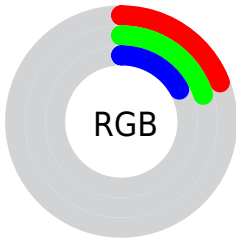
Format	Color
R_YB	43, 51, 45
Decimal	3224363
CIE Lab	20.81, -2.66, 4.78
CIE LCh	21, 5.475, 119.102
Yxy	3.1952, 0.3268, 0.3618
Android (android.graphics.Color)	4281414443 (0xFF31332B)
YUV	49.4900, -3.1996, -0.4297
Hunter-Lab	17.8747, -2.4556, 3.3903

Details

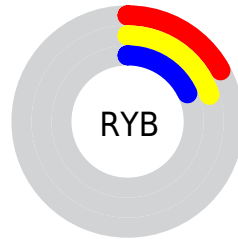
The HunterLab color **17.8747, -2.4556, 3.3903** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.8895, 0.7694, -1.8828**, and the grayscale version is **17.6993, -0.9444, 0.9616**.

A 20% lighter version of the original color is **34.1861, -3.6667, 4.9888**, and **3.2946, -2.8251, 1.9806** is the 20% darker color. If you saturate the color by 10%, you get **17.6884, -3.3234, 4.7230**, and if you desaturate by 10%, it is **18.0753, -1.5266, 1.9030**.

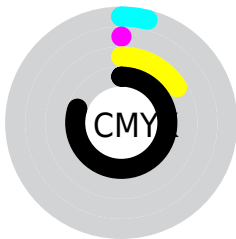
Distribution



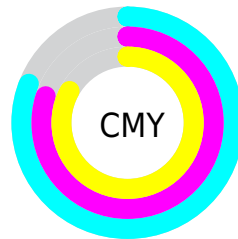
- Red (19%)
- Green (20%)
- Blue (17%)



- Red (17%)
- Yellow (20%)
- Blue (18%)



- Cyan (4%)
- Magenta (0%)
- Yellow (16%)
- Black (80%)



- Cyan (81%)
- Magenta (80%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.8747, -2.4556, 3.3903 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 17.8747, -2.4556, 3.3903 by changing the saturation by 10% instead.

■ 17.8747, -2.4556,
3.3903

■ 17.8747, -2.4556,
3.3903

■ 114.2982, -8.9249,
10.9594

■ 11.1107, -1.8666,
2.6091

■ 34.2722, -3.7067,
4.9513

■ 2.9931, -4.0362,
2.0952

■ 43.7087, -4.3725,
5.7505

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.8807, -5.0657,
6.5676

0.0000, NaN, NaN

■ 64.7384, -5.7858,
7.4042

0.0000, NaN, NaN

■ 76.2409, -6.5324,
8.2614

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.3540, -7.3049,

101.0482, -8.1026,
10.0390

17.8747, -2.4556,
3.3903

17.8747, -2.4556,
3.3903

17.6884, -3.3234,
4.7230

18.0753, -1.5266,
1.9030

17.5151, -4.1273,
5.8994

18.2891, -0.5366,
0.2625

17.3552, -4.8672,
6.9198

18.5164, 0.5119,
-1.5280

17.2083, -5.5426,
7.7856

18.7572, 1.6169,
-3.4648

17.0742, -6.1538,
8.4998

19.0112, 2.7759,
-5.5437

■ 16.9525, -6.7020,
9.0669

■ 19.2785, 3.9865,
-7.7597

■ 16.8413, -7.1968,
9.5136

■ 19.5587, 5.2459,
-10.1076

■ 16.7330, -7.6824,
9.9525

■ 19.8517, 6.5516,
-12.5819

■ 16.6869, -7.8908,
10.1442

■ 20.1573, 7.9008,
-15.1770

Harmonies

Analogous

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



17.8751, -0.9055, 3.7088



17.8747, -2.4556, 3.3903



17.8751, -3.5695, 2.4396

Triad

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



17.8751, -2.4561, 3.3905



17.8751, -2.5384, -1.7838



17.8751, 2.2937, 0.9261

Complementary

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



17.8747, -2.4556, 3.3903



15.8895, 0.7694, -1.8828

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.



17.8751, 1.8195, -0.6294



17.8747, -2.4556, 3.3903



17.8751, -1.0039, -2.2779

Square

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



17.8751, -2.4561, 3.3905



17.8751, -3.6158, -0.5412



17.8751, 0.5978, -1.8379



17.8751, 1.8717, 2.3653

Rectangle

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



17.8747, -2.4556, 3.3903



17.8751, -3.9341, 1.5284



17.8751, 0.5978, -1.8379



17.8751, 2.2335, 0.3991

Sweetspot

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



17.8751, -2.4561, 3.3905



23.3029, -1.9144, 2.3662



16.5985, 0.4163, 2.0712



12.3023, -1.0183, 1.2615



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



17.8751, -2.4561, 3.3905



22.9277, -3.6562, 5.1332



17.6072, -3.4181, 3.0933



9.9167, -0.9730, 1.2629



28.9432, -14.2464, 17.5852



75.6532, -38.5884, 45.9416

Inverse Universe

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



15.8895, 0.7694, -1.8828



19.6806, 1.6268, -3.5123



16.1859, 1.7612, -1.4688



9.3400, -0.0376, -0.2648



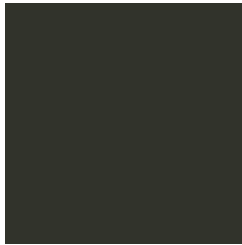
9.4856, 23.8923, -53.1563



24.0563, 61.9676, -145.4642

Previews

White Background



This preview shows how the HunterLab color 17.8747, -2.4556, 3.3903 looks on a white background.

Color Contrast Check

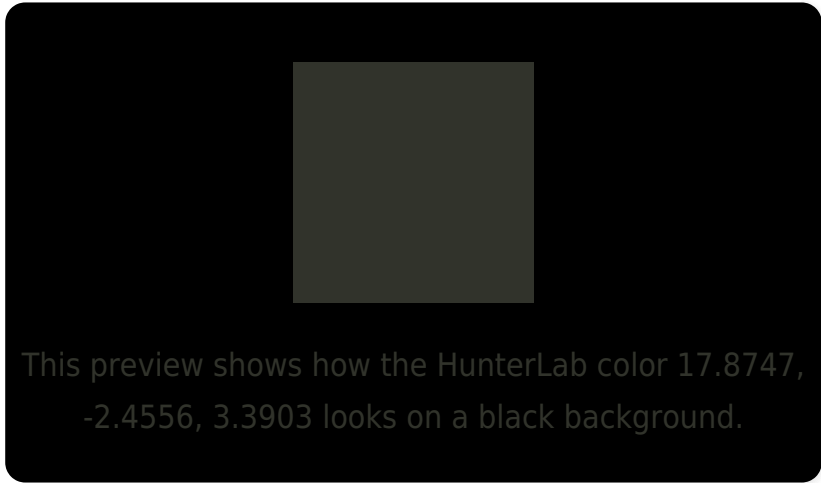
Large Text (above 18pt) WCAG AA ✓ Pass

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

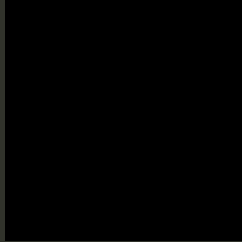
Any Text WCAG AA × Fail

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 17.8747, -2.4556, 3.3903 Background



This preview shows how black text looks on a background with the HunterLab color 17.8747, -2.4556, 3.3903.

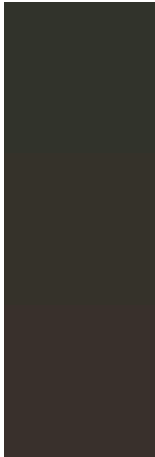


This preview shows how white text looks on a background with the HunterLab color 17.8747, -2.4556,

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

17.8747, -2.4556, 3.3903

Protanopia

17.9032, -1.1534, 3.7575

Deuteranopia

17.7922, 0.9569, 3.0396



Tritanopia

18.0057, -0.2978, -0.0010

Trichromacy



Original Color

17.8747, -2.4556, 3.3903

Protanomaly

17.8282, -1.4159, 3.6761

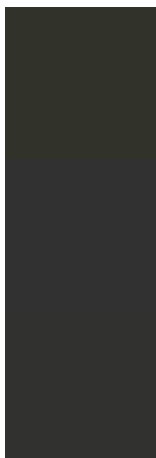
Deuteranomaly

17.7841, -0.2657, 3.0096

Tritanomaly

17.8355, -1.0841, 1.3118

Monochromacy



Original Color

17.8747, -2.4556, 3.3903

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.7184, -1.5871, 1.8911

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.8747, -2.4556, 3.3903 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(49, 51, 43)` looks like.

```
.text, #text, p{  
    color:rgb(49, 51, 43)  
}
```

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(49, 51, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 51, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 17.8747, -2.4556, 3.3903 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(49, 51, 43) }
```


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

```
.border{ border-color:rgb(49, 51, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 51, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 51, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 51, 43);  
box-shadow:4px 4px 4px 4px rgb(49, 51, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.8747, -2.4556, 3.3903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 51, 43) }
```

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

```
.background{ background-color: rgb(49, 51,  
43) }
```

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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