

Converting Colors

HunterLab(19.2523, 4.2986,
3.6863)

Have a look what the booklet for
HunterLab(19.2523, 4.2986, 3.6863)
contains.

HunterLab(19.1496, 4.3855, 3.5501)	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(19.1496, 4.3855,
3.5501)**

Conversions

Conversions Part 1

Format	Color
Hex	45312F
RGB	69, 49, 47
RGB Percent	27%, 19%, 18%
CMY	0.7294, 0.8078, 0.8157
CMYK	0.00, 0.29, 0.32, 0.73
HSL	5°, 19%, 23%
HSV	5°, 32%, 27%
XYZ	4.0656, 3.6671, 3.1829
YIQ	54.7520, 12.5620, 3.6180

Conversions

Conversions Part 2

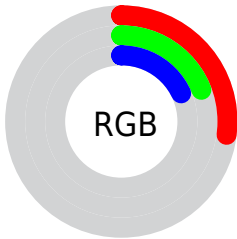
Format	Color
RYB	69, 49, 47
Decimal	4534575
CIELab	22.54, 8.75, 4.84
CIElCh	23, 9.996, 28.941
Yxy	3.6672, 0.3725, 0.3360
Android (android.graphics.Color)	4282724655 (0xFF45312F)
YUV	54.7520, -3.8217, 12.4955
Hunter-Lab	19.1496, 4.3855, 3.5501

Details

The HunterLab color **19.1496, 4.3855, 3.5501** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **22.4681, -5.5264, -1.1093**, and the grayscale version is **19.4716, -1.0390, 1.0579**.

A 20% lighter version of the original color is **35.8138, 4.8068, 5.0081**, and **5.2576, 6.8816, 3.3602** is the 20% darker color. If you saturate the color by 10%, you get **17.6841, 6.3299, 4.2470**, and if you desaturate by 10%, it is **20.7102, 2.5167, 2.8492**.

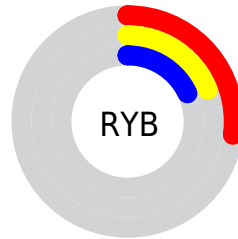
Distribution



Red (27%)

Green (19%)

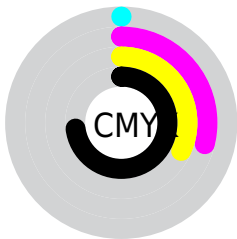
Blue (18%)



Red (27%)

Yellow (19%)

Blue (18%)

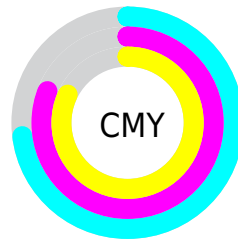


Cyan (0%)

Magenta (29%)

Yellow (32%)

Black (73%)



Cyan (73%)

Magenta (81%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.1496, 4.3855, 3.5501 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 19.1496, 4.3855, 3.5501 by changing the saturation by 10% instead.

■ 19.1496, 4.3855,
3.5501

■ 19.1496, 4.3855,
3.5501

■ 116.6453, 3.2921,
11.1730

■ 12.2034, 4.0865,
2.7666

■ 35.8497, 4.6327,
5.1218

■ 5.3021, 6.9058,
3.7115

■ 45.4175, 4.6235,
5.9272

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.7114, 4.5423,
6.7506

0.0000, NaN, NaN

■ 66.6834, 4.3975,
7.5936

0.0000, NaN, NaN

■ 78.2939, 4.1955,
8.4570

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.5095, 3.9412,

103.3016, 3.6390,
10.2467

■ 19.1496, 4.3855,
3.5501

■ 19.1496, 4.3855,
3.5501

■ 17.6841, 6.3299,
4.2470

■ 20.7102, 2.5167,
2.8492

■ 16.3272, 8.3405,
4.9281

■ 22.3520, 0.7275,
2.1498

■ 15.0967, 10.3890,
5.5767

■ 24.0651, -0.9867,
1.4555

■ 14.0118, 12.4245,
6.1680

■ 25.8408, -2.6323,
0.7677

■ 13.0922, 14.3676,
6.6700

■ 27.6722, -4.2168,
0.0869

■ 12.3506, 16.0919,
7.1201

■ 29.5533, -5.7477,
-0.5874

■ 11.8384, 17.3153,
7.5979

■ 31.4793, -7.2319,
-1.2557

■ 33.4460, -8.6758,
-1.9188

■ 35.4500, -10.0850,
-2.5776

Harmonies

Analogous

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



19.1500, 5.2010, 0.9390



19.1496, 4.3855, 3.5501



19.1500, 2.0980, 5.2323

Triad

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



19.1500, 4.3847, 3.5504



19.1500, -5.7924, 3.7032



19.1500, -1.1311, -5.4169

Complementary

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



19.1496, 4.3855, 3.5501



22.4681, -5.5264, -1.1093

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.



19.1500, -3.9557, -4.3793



19.1496, 4.3855, 3.5501



19.1500, -6.5411, 1.1452

Square

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



19.1500, 4.3847, 3.5504



19.1500, -3.7791, 5.3103



19.1500, -5.8898, -1.8587



19.1500, 1.8987, -4.5110

Rectangle

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



19.1496, 4.3855, 3.5501



19.1500, 0.1153, 5.7493



19.1500, -5.8898, -1.8587



19.1500, -2.1349, -5.2814

Sweetspot

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



19.1500, 4.3847, 3.5504



29.3692, 0.6086, 2.6590



19.2498, 7.9379, -4.4359



15.2082, 0.3946, 1.4149



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



19.1500, 4.3847, 3.5504



23.4179, 7.6178, 5.3053



21.6443, -0.1517, 5.9675



12.3789, 0.0883, 1.0399



16.9543, 26.0574, 10.9033



41.0442, 67.0117, 26.4644

Inverse Universe

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



22.4681, -5.5264, -1.1093



28.6864, -8.2082, -2.1153



19.6941, -1.2123, -4.8359



12.8801, -1.3960, 0.3393



28.7921, -13.4123, -7.0342



70.5916, -32.4985, -18.0785

Previews

White Background



This preview shows how the HunterLab color 19.1496, 4.3855, 3.5501 looks on a white background.

Color Contrast Check

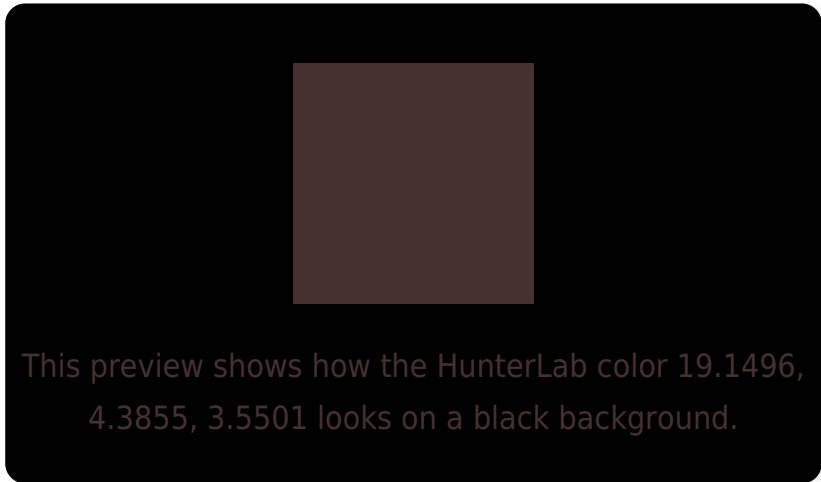
Large Text (above 18pt) WCAG AA ✓ Pass

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

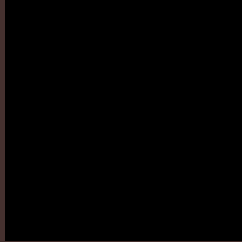
Any Text WCAG AA × Fail

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 19.1496, 4.3855, 3.5501 Background



This preview shows how black text looks on a background with the HunterLab color 19.1496, 4.3855, 3.5501.

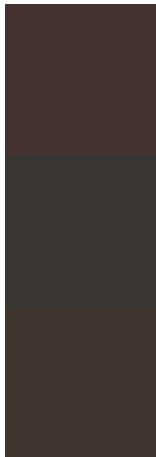


This preview shows how white text looks on a background with the HunterLab color 19.1496, 4.3855,

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

19.1496, 4.3855, 3.5501

Protanopia

19.2597, -1.0275, 2.5602

Deuteranopia

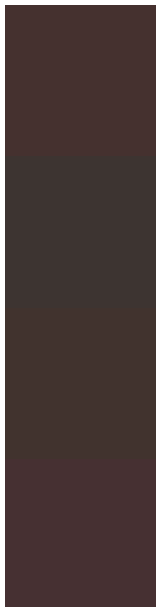
19.1765, 0.9538, 3.8415



Tritanopia

19.1414, 5.6930, 1.8314

Trichromacy



Original Color

19.1496, 4.3855, 3.5501

Protanomaly

19.1568, 1.0153, 2.8289

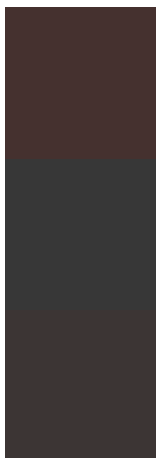
Deuteranomaly

19.2061, 2.2356, 3.8945

Tritanomaly

19.0952, 5.4561, 2.4924

Monochromacy



Original Color

19.1496, 4.3855, 3.5501

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

19.3773, 0.6931, 2.0117

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.1496, 4.3855, 3.5501 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(69, 49, 47)` looks like.

```
.text, #text, p{  
    color:rgb(69, 49, 47)  
}
```

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(69, 49, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 49, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 19.1496, 4.3855, 3.5501 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(69, 49, 47) }
```


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

```
.border{ border-color:rgb(69, 49, 47) }
```

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

Here you see how a box with a 4 pixel rgb(69, 49, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 49, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 49, 47);  
box-shadow:4px 4px 4px 4px rgb(69, 49, 47)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.1496, 4.3855, 3.5501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 49, 47) }
```

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

```
.background{ background-color: rgb(69, 49,  
47) }
```

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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