

Converting Colors

HunterLab(19.4944, -0.1008,
2.3571)

Have a look what the booklet for
HunterLab(19.4944, -0.1008, 2.3571)
contains.

HunterLab(19.5119, -0.1113, 2.5043)	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(19.5119, -0.1113,
2.5043)**

Conversions

Conversions Part 1

Format	Color
Hex	3B3633
RGB	59, 54, 51
RGB Percent	23%, 21%, 20%
CMY	0.7686, 0.7882, 0.8000
CMYK	0.00, 0.08, 0.14, 0.77
HSL	23°, 7%, 22%
HSV	23°, 14%, 23%
XYZ	3.7203, 3.8071, 3.6707
YIQ	55.1530, 3.9430, 0.1270

Conversions

Conversions Part 2

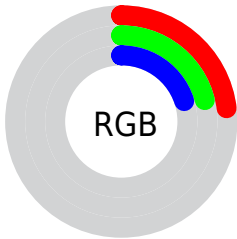
Format	Color
R_{YB}	59, 56, 51
Decimal	3880499
CIE Lab	23.02, 1.56, 2.67
CIE LCh	23, 3.096, 59.714
Yxy	3.8073, 0.3322, 0.3400
Android (android.graphics.Color)	4282070579 (0xFF3B3633)
YUV	55.1530, -2.0474, 3.3738
Hunter-Lab	19.5119, -0.1113, 2.5043

Details

The HunterLab color **19.5119, -0.1113, 2.5043** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.6159, -1.8525, -0.4517**, and the grayscale version is **19.6041, -1.0460, 1.0651**.

A 20% lighter version of the original color is **36.3794, -1.0789, 3.9664**, and **5.8925, 0.8088, 2.2004** is the 20% darker color. If you saturate the color by 10%, you get **18.5156, 0.6969, 3.4393**, and if you desaturate by 10%, it is **20.5402, -0.8621, 1.5058**.

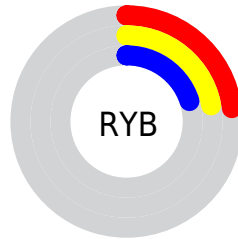
Distribution



Red (23%)

Green (21%)

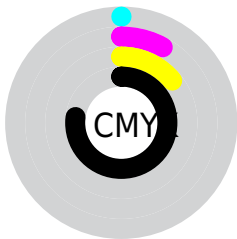
Blue (20%)



Red (23%)

Yellow (22%)

Blue (20%)

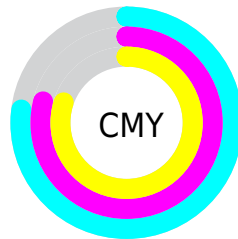


Cyan (0%)

Magenta (8%)

Yellow (14%)

Black (77%)



Cyan (77%)

Magenta (79%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.5119, -0.1113, 2.5043 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 19.5119, -0.1113, 2.5043 by changing the saturation by 10% instead.

■ 19.5119, -0.1113,
2.5043

■ 19.5119, -0.1113,
2.5043

■ 117.3055, -4.5847,
9.0825

■ 12.5155, 0.1364,
1.9081

■ 36.2957, -0.7980,
3.7740

■ 5.7859, 0.8667,
2.2300

■ 45.9000, -1.2192,
4.4507

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.2278, -1.6855,
5.1555

0.0000, NaN, NaN

■ 67.2315, -2.1930,
5.8879

0.0000, NaN, NaN

■ 78.8720, -2.7390,
6.6476

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.1162, -3.3208,

7.4336

0.0000, NaN, NaN

103.9356, -3.9366,
8.2455

■ 19.5119, -0.1113,
2.5043

■ 19.5119, -0.1113,
2.5043

■ 18.5156, 0.6969,
3.4393

■ 20.5402, -0.8621,
1.5058

■ 17.5530, 1.5685,
4.3012

■ 21.5965, -1.5584,
0.4502

■ 16.6278, 2.5068,
5.0804

■ 22.6790, -2.2053,
-0.6558

■ 15.7438, 3.5146,
5.7659

■ 23.7858, -2.8071,
-1.8070

■ 14.9052, 4.5928,
6.3451

■ 24.9149, -3.3678,
-2.9986

■ 14.1164, 5.7394,
6.8052

■ 26.0647, -3.8911,
-4.2269

■ 13.3824, 6.9482,
7.1338

■ 27.2340, -4.3806,
-5.4885

■ 12.6988, 8.1627,
7.4584

■ 28.4215, -4.8391,
-6.7806

■ 12.2833, 8.9214,
7.7251

■ 29.6259, -5.2696,
-8.1007

Harmonies

Analogous

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



19.5123, 0.5707, 1.9044



19.5119, -0.1113, 2.5043



19.5123, -1.0330, 2.7220

Triad

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



19.5123, -0.1118, 2.5046



19.5123, -2.8364, 1.0708



19.5123, -0.1279, -0.5091

Complementary

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



19.5119, -0.1113, 2.5043



19.6159, -1.8525, -0.4517

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.



19.5123, -1.0513, -0.7577



19.5119, -0.1113, 2.5043



19.5123, -2.6043, 0.1805

Square

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



19.5123, -0.1118, 2.5046



19.5123, -2.5955, 1.9188



19.5123, -1.9554, -0.4997



19.5123, 0.5613, 0.1648

Rectangle

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



19.5119, -0.1113, 2.5043



19.5123, -1.6549, 2.6290



19.5123, -1.9554, -0.4997



19.5123, -0.4218, -0.6465

Sweetspot

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



19.5123, -0.1118, 2.5046



26.4960, -1.0571, 2.0316



18.9306, 1.7871, -0.0486



13.6852, -0.5302, 1.0747



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



19.5123, -0.1118, 2.5046



24.8360, 0.1792, 3.6347



20.4652, -1.7028, 3.5070



11.0919, -0.2766, 1.1106



19.0362, 16.0542, 12.0111



46.6131, 45.5217, 29.5197

Inverse Universe

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



19.6159, -1.8525, -0.4517



25.0007, -2.5925, -1.0724



18.6589, -0.2642, -1.6550



11.1280, -0.8827, 0.0811



19.8433, -2.3628, -19.7017



48.6015, -2.9954, -54.2813

Previews

White Background



This preview shows how the HunterLab color 19.5119, -0.1113, 2.5043 looks on a white background.

Color Contrast Check

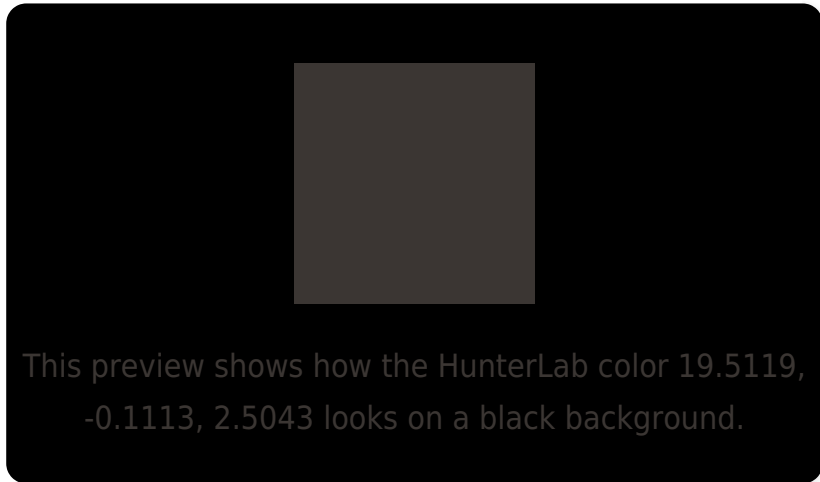
Large Text (above 18pt) WCAG AA ✓ Pass

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

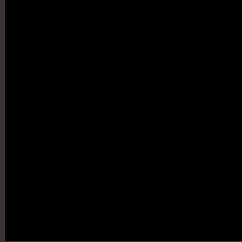
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

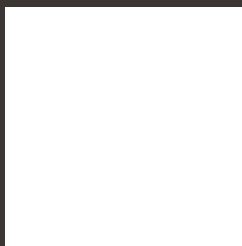
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 19.5119, -0.1113, 2.5043 Background



This preview shows how black text looks on a background with the HunterLab color 19.5119, -0.1113, 2.5043.



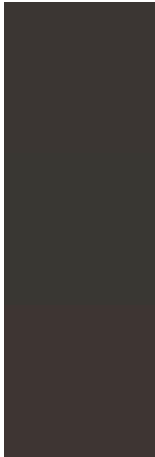
This preview shows how white text looks on a background with the HunterLab color 19.5119, -0.1113,

2.5043.

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

19.5119, -0.1113, 2.5043

Protanopia

19.5991, -1.0461, 2.5839

Deuteranopia

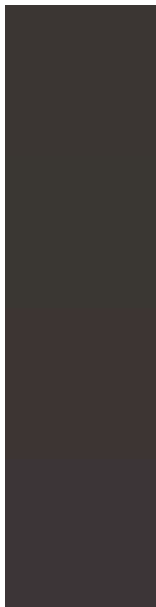
19.5176, 1.1211, 2.5320



Tritanopia

19.4994, 1.3492, 0.2692

Trichromacy



Original Color

19.5119, -0.1113, 2.5043

Protanomaly

19.6747, -0.7837, 2.6715

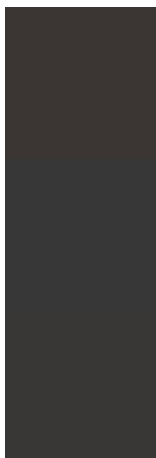
Deuteranomaly

19.4353, 0.8436, 2.4363

Tritanomaly

19.4492, 1.0797, 0.9849

Monochromacy



Original Color

19.5119, -0.1113, 2.5043

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

19.5946, -0.9224, 1.4977

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.5119, -0.1113, 2.5043 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(59, 54, 51)` looks like.

```
.text, #text, p{  
    color:rgb(59, 54, 51)  
}
```

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(59, 54, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 54, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 19.5119, -0.1113, 2.5043 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(59, 54, 51) }
```


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

```
.border{ border-color:rgb(59, 54, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 54, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 54, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 54, 51);  
box-shadow:4px 4px 4px 4px rgb(59, 54, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.5119, -0.1113, 2.5043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 54, 51) }
```

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

```
.background{ background-color: rgb(59, 54,  
51) }
```

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