

Converting Colors

HunterLab(19.1215, -4.4790,
4.5586)

Have a look what the booklet for
HunterLab(19.1215, -4.4790, 4.5586)
contains.

HunterLab(19.1200, -4.3618, 4.6181)	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(19.1200, -4.3618,
4.6181)**

Conversions

Conversions Part 1

Format	Color
Hex	31382B
RGB	49, 56, 43
RGB Percent	19%, 22%, 17%
CMY	0.8078, 0.7804, 0.8314
CMYK	0.13, 0.00, 0.23, 0.78
HSL	92°, 13%, 19%
HSV	92°, 23%, 22%
XYZ	3.1168, 3.6557, 2.8269
YIQ	52.4250, 0.0010, -5.5270

Conversions

Conversions Part 2

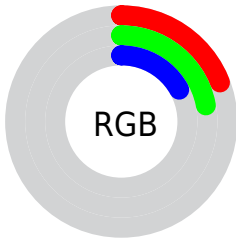
Format	Color
RYB	43, 56, 50
Decimal	3225643
CIELab	22.50, -5.90, 7.16
CIElCh	22, 9.278, 129.524
Yxy	3.6559, 0.3247, 0.3808
Android (android.graphics.Color)	4281415723 (0xFF31382B)
YUV	52.4250, -4.6465, -3.0037
Hunter-Lab	19.1200, -4.3618, 4.6181

Details

The HunterLab color **19.1200, -4.3618, 4.6181** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.4058, 2.7692, -3.3644**, and the grayscale version is **18.6898, -0.9972, 1.0155**.

A 20% lighter version of the original color is **35.8301, -6.2534, 6.6913**, and **5.3651, -4.6006, 3.2254** is the 20% darker color. If you saturate the color by 10%, you get **18.8284, -5.6413, 5.8873**, and if you desaturate by 10%, it is **19.4355, -2.9948, 3.1936**.

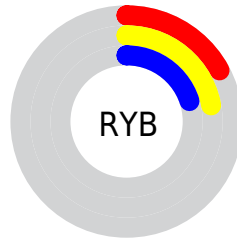
Distribution



Red (19%)

Green (22%)

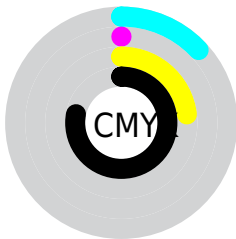
Blue (17%)



Red (17%)

Yellow (22%)

Blue (20%)

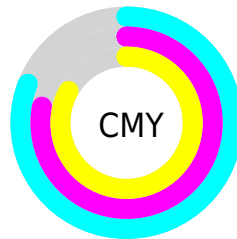


Cyan (13%)

Magenta (0%)

Yellow (23%)

Black (78%)



Cyan (81%)

Magenta (78%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.1200, -4.3618, 4.6181 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 19.1200, -4.3618, 4.6181 by changing the saturation by 10% instead.

■ 19.1200, -4.3618,
4.6181

■ 19.1200, -4.3618,
4.6181

■ 116.5912,
-12.4863, 13.4074

■ 12.1779, -3.4888,
3.6220

■ 35.8131, -6.0821,
6.5300

■ 5.2604, -5.1721,
3.6823

■ 45.3780, -6.9508,
7.4794

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.6691, -7.8321,
8.4351

0.0000, NaN, NaN

■ 66.6385, -8.7285,
9.4011

0.0000, NaN, NaN

■ 78.2465, -9.6413,
10.3800

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.4597, -10.5716,

11.3733

0.0000, NaN, NaN

103.2496,
-11.5198, 12.3822

19.1200, -4.3618,
4.6181

19.1200, -4.3618,
4.6181

18.8284, -5.6413,
5.8873

19.4355, -2.9948,
3.1936

18.5597, -6.8273,
6.9969

19.7734, -1.5443,
1.6181

18.3144, -7.9160,
7.9448

20.1336, -0.0162,
-0.1020

18.0923, -8.9043,
8.7308

20.5157, 1.5837,
-1.9602

17.8934, -9.7901,
9.3570

20.9191, 3.2497,
-3.9491

■ 17.7171, -10.5729,
9.8288

■ 21.3433, 4.9761,
-6.0612

■ 17.5561, -11.2937,
10.2518

■ 21.7876, 6.7574,
-8.2889

■ 17.4530, -11.7622,
10.5485

■ 22.2513, 8.5885,
-10.6245

■ 22.7339, 10.4644,
-13.0607

Harmonies

Analogous

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



19.1204, -1.9132, 5.4741



19.1200, -4.3618, 4.6181



19.1204, -5.8563, 2.7643

Triad

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



19.1204, -4.3623, 4.6183



19.1204, -2.8876, -4.4709



19.1204, 4.6462, 1.8776

Complementary

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



19.1200, -4.3618, 4.6181



16.4058, 2.7692, -3.3644

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.



19.1204, 4.3478, -0.8598



19.1200, -4.3618, 4.6181



19.1204, -0.1126, -4.7999

Square

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



19.1204, -4.3623, 4.6183



19.1204, -5.0399, -2.5550



19.1204, 2.5662, -3.3977



19.1204, 3.3594, 4.0505

Rectangle

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



19.1200, -4.3618, 4.6181



19.1204, -6.1637, 1.0837



19.1204, 2.5662, -3.3977



19.1204, 4.7296, 0.9977

Sweetspot

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



19.1204, -4.3623, 4.6183



25.8137, -2.8335, 3.0095



18.1406, -0.2112, 3.7045



13.8230, -1.5133, 1.6072



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.



19.1204, -4.3623, 4.6183



24.9005, -6.7956, 7.1345



18.7609, -5.6718, 4.1057



10.6344, -1.2465, 1.3259



28.4950, -19.9252, 17.2097



73.2108, -53.0246, 44.1839

Inverse Universe

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



16.4058, 2.7692, -3.3644



20.4096, 5.0277, -6.1303



16.8817, 4.2732, -2.4693



10.0973, 0.1606, -0.2446



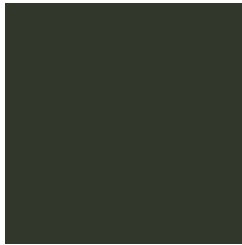
11.9711, 26.9262, -42.0732



29.9810, 68.4547, -113.2708

Previews

White Background



This preview shows how the HunterLab color 19.1200, -4.3618, 4.6181 looks on a white background.

Color Contrast Check

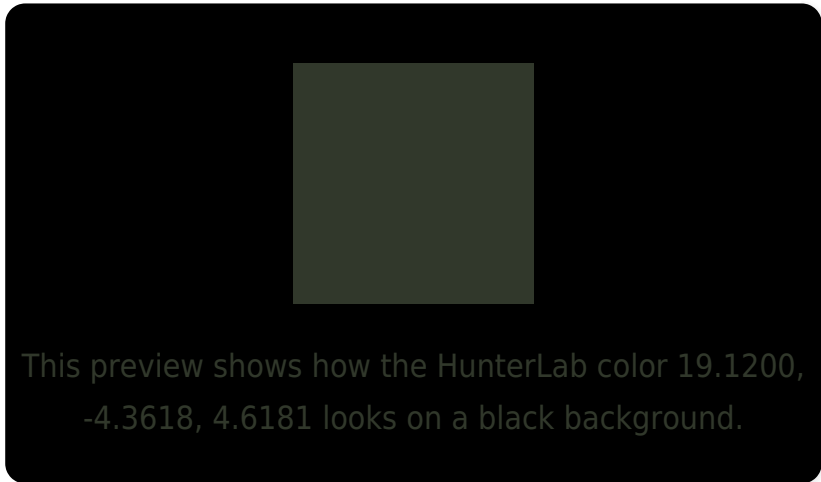
Large Text (above 18pt) WCAG AA ✓ Pass

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

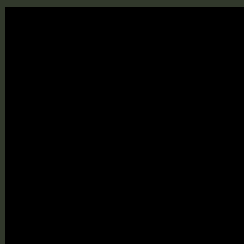
Any Text WCAG AA × Fail

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 19.1200, -4.3618, 4.6181 Background



This preview shows how black text looks on a background with the HunterLab color 19.1200, -4.3618, 4.6181.



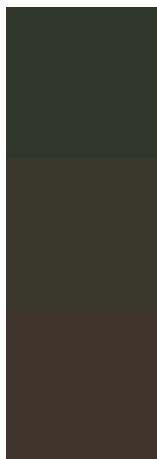
This preview shows how white text looks on a background with the HunterLab color 19.1200, -4.3618,

4.6181.

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

19.1200, -4.3618, 4.6181

Protanopia

19.1712, -1.6654, 5.0096

Deuteranopia

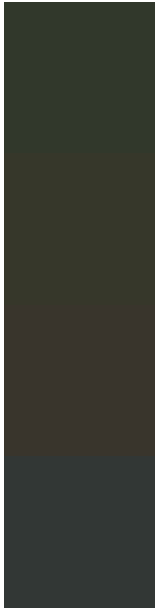
19.1363, 0.7374, 4.4217



Tritanopia

19.0988, -1.1961, -0.6792

Trichromacy



Original Color

19.1200, -4.3618, 4.6181

Protanomaly

19.1933, -2.8473, 5.0103

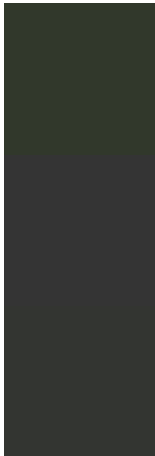
Deuteranomaly

18.9682, -1.0568, 4.2213

Tritanomaly

19.1508, -2.5299, 1.3287

Monochromacy



Original Color

19.1200, -4.3618, 4.6181

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.6327, -2.0211, 2.1998

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.1200, -4.3618, 4.6181 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, 56, 43)` looks like.

```
.text, #text, p{  
    color:rgb(49, 56, 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, 56, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 56, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 19.1200, -4.3618, 4.6181 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, 56, 43) }
```


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

```
.border{ border-color:rgb(49, 56, 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, 56, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 56, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 56, 43);  
box-shadow:4px 4px 4px 4px rgb(49, 56, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.1200, -4.3618, 4.6181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 56, 43) }
```

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

```
.background{ background-color: rgb(49, 56,  
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](#).

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