

Converting Colors

HunterLab(20.0634, 4.6714,
-4.9150)

Have a look what the booklet for
HunterLab(20.0634, 4.6714, -4.9150)
contains.

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Color

**HunterLab(19.9704, 4.8076,
-4.8130)**

Conversions

Conversions Part 1

Format	Color
Hex	403446
RGB	64, 52, 70
RGB Percent	25%, 20%, 27%
CMY	0.7490, 0.7961, 0.7255
CMYK	0.09, 0.26, 0.00, 0.73
HSL	280°, 15%, 24%
HSV	280°, 26%, 27%
XYZ	4.4478, 3.9882, 6.3297
YIQ	57.6400, 1.3740, 8.1420

Conversions

Conversions Part 2

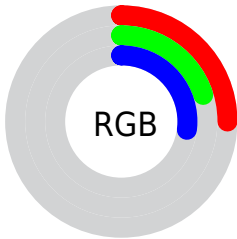
Format	Color
RYB	64, 52, 70
Decimal	4207686
CIELab	23.63, 9.35, -9.14
CIElCh	24, 13.079, 315.638
Yxy	3.9883, 0.3012, 0.2701
Android (android.graphics.Color)	4282397766 (0xFF403446)
YUV	57.6400, 6.0935, 5.5777
Hunter-Lab	19.9704, 4.8076, -4.8130

Details

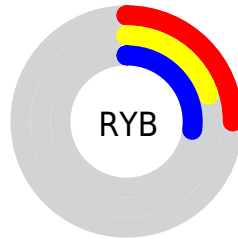
The HunterLab color **19.9704, 4.8076, -4.8130** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23.5115, -6.5630, 6.1796**, and the grayscale version is **20.4263, -1.0899, 1.1098**.

A 20% lighter version of the original color is **36.9817, 4.8541, -4.6057**, and **6.3377, 5.9399, -5.6912** is the 20% darker color. If you saturate the color by 10%, you get **18.2551, 7.2611, -7.4436**, and if you desaturate by 10%, it is **21.7720, 2.3911, -2.3219**.

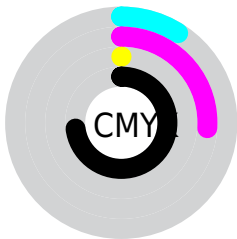
Distribution



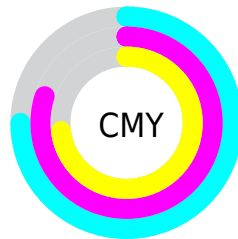
- Red (25%)
- Green (20%)
- Blue (27%)



- Red (25%)
- Yellow (20%)
- Blue (27%)



- Cyan (9%)
- Magenta (26%)
- Yellow (0%)
- Black (73%)



- Cyan (75%)
- Magenta (80%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.9704, 4.8076, -4.8130 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 19.9704, 4.8076, -4.8130 by changing the saturation by 10% instead.

■ 19.9704, 4.8076,
-4.8130

■ 19.9704, 4.8076,
-4.8130

■ 118.1369, 3.9217,
-3.3188

■ 12.9114, 4.4820,
-4.6217

■ 36.8588, 5.1072,
-4.9242

■ 6.3418, 6.0861,
-5.6737

■ 46.5087, 5.1227,
-4.8651

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.8789, 5.0653,
-4.7404

0.0000, NaN, NaN

■ 67.9225, 4.9433,
-4.5565

0.0000, NaN, NaN

■ 79.6007, 4.7633,
-4.3185

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.8807, 4.5304,

-4.0306

0.0000, NaN, NaN

104.7342, 4.2487,
-3.6964

■ 19.9704, 4.8076,
-4.8130

■ 19.9704, 4.8076,
-4.8130

■ 18.2551, 7.2611,
-7.4436

■ 21.7720, 2.3911,
-2.3219

■ 16.6390, 9.7395,
-10.2239

■ 23.6472, 0.0172,
0.0434

■ 15.1398, 12.2113,
-13.1491

■ 25.5874, -2.3161,
2.2997

■ 13.7782, 14.6185,
-16.1884

■ 27.5850, -4.6124,
4.4628

■ 12.5781, 16.8637,
-19.2676

■ 29.6341, -6.8765,
6.5469

■ 11.5647, 18.8037,
-22.2515

■ 31.7296, -9.1132,
8.5646

■ 10.6192, 20.7729,
-25.4449

■ 33.8674, -11.3272,
10.5266

■ 10.1914, 21.7919,
-27.0486

■ 36.0439, -13.5228,
12.4419

■ 38.2563, -15.7036,
14.3182

Harmonies

Analogous

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



19.9708, 1.0746, -7.4365



19.9704, 4.8076, -4.8130



19.9708, 7.0452, -0.8378

Triad

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



19.9708, 4.8071, -4.8126



19.9708, 0.9006, 7.0111



19.9708, -8.0218, -1.0132

Complementary

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



19.9704, 4.8076, -4.8130



23.5115, -6.5630, 6.1796

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.



19.9708, -8.0602, 2.8376



19.9704, 4.8076, -4.8130



19.9708, -3.1214, 6.9827

Square

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



19.9708, 4.8071, -4.8126



19.9708, 4.6710, 5.6885



19.9708, -6.3314, 5.6013



19.9708, -6.2218, -4.9628

Rectangle

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



19.9704, 4.8076, -4.8130



19.9708, 7.2828, 1.8007



19.9708, -6.3314, 5.6013



19.9708, -8.2361, 0.3460

Sweetspot

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



19.9708, 4.8071, -4.8126



30.5323, 0.8369, -0.7446



20.5642, -0.8325, -4.0492



15.3218, 0.5592, -0.5112



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.



19.9708, 4.8071, -4.8126



24.8398, 8.4607, -8.6042



20.4135, 6.0392, -2.8765



12.3061, 0.3744, -0.3367



14.4158, 30.9963, -39.5891



34.8586, 75.5981, -100.7430

Inverse Universe

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



20.1587, 4.7247, 0.7305



25.1730, 8.3286, 0.8813



23.2023, -7.6086, 5.0234



12.3343, 0.3568, 0.5766



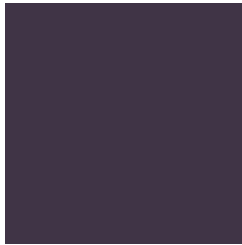
16.6995, 29.2609, 5.6545



41.0362, 71.5356, 16.7513

Previews

White Background



This preview shows how the HunterLab color 19.9704, 4.8076, -4.8130 looks on a white background.

Color Contrast Check

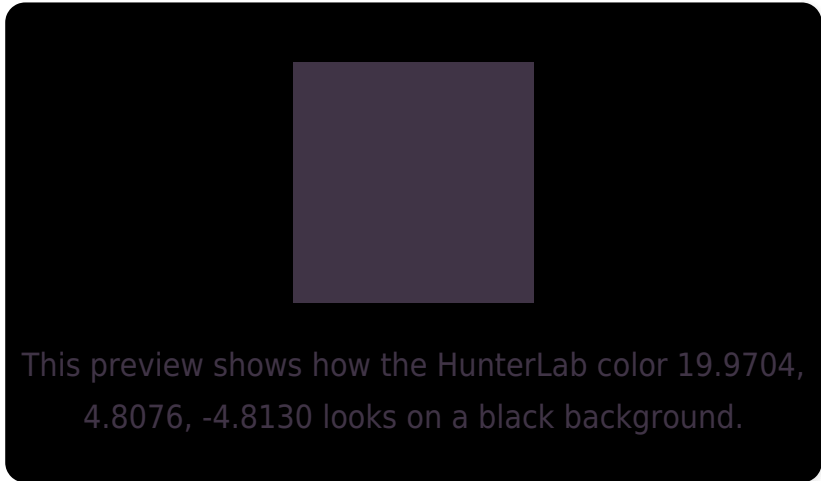
Large Text (above 18pt) WCAG AA ✓ Pass

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

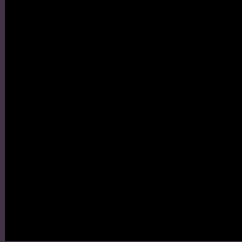
Any Text WCAG AA × Fail

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 19.9704, 4.8076, -4.8130 Background



This preview shows how black text looks on a background with the HunterLab color 19.9704, 4.8076, -4.8130.



This preview shows how white text looks on a background with the HunterLab color 19.9704, 4.8076, -4.8130.

-4.8130.

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

19.9704, 4.8076, -4.8130

Protanopia

20.0984, 0.6457, -6.1989

Deuteranopia

19.9356, 1.0706, -4.4418



Tritanopia

19.9197, 1.6071, 0.3879

Trichromacy



Original Color

19.9704, 4.8076, -4.8130

Protanomaly

20.1023, 1.8203, -5.6638

Deuteranomaly

19.9187, 2.2271, -4.4461

Tritanomaly

19.8765, 2.8666, -1.2964

Monochromacy



Original Color

19.9704, 4.8076, -4.8130

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.3391, 0.8027, -0.7383

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.9704, 4.8076, -4.8130 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(64, 52, 70)` looks like.

```
.text, #text, p{  
    color:rgb(64, 52, 70)  
}
```

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(64, 52, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 52, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 19.9704, 4.8076, -4.8130 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(64, 52, 70) }
```


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

```
.border{ border-color:rgb(64, 52, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 52, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 52, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 52, 70);  
box-shadow:4px 4px 4px 4px rgb(64, 52, 70)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.9704, 4.8076, -4.8130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 52, 70) }
```

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

```
.background{ background-color: rgb(64, 52,  
70) }
```

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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