

Converting Colors

HunterLab(19.9683, 7.1322,
3.0344)

Have a look what the booklet for
HunterLab(19.9683, 7.1322, 3.0344)
contains.

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Color

**HunterLab(19.9302, 7.0046,
3.0863)**

Conversions

Conversions Part 1

Format	Color
Hex	4C3133
RGB	76, 49, 51
RGB Percent	30%, 19%, 20%
CMY	0.7020, 0.8078, 0.8000
CMYK	0.00, 0.36, 0.33, 0.70
HSL	356°, 22%, 25%
HSV	356°, 36%, 30%
XYZ	4.6763, 3.9721, 3.6522
YIQ	57.3010, 15.4500, 6.3460

Conversions

Conversions Part 2

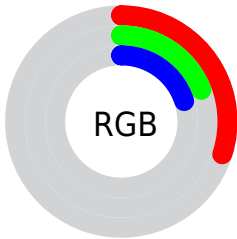
Format	Color
R_{YB}	76, 49, 51
Decimal	4993331
CIE Lab	23.58, 12.61, 3.74
CIE LCh	24, 13.156, 16.517
Yxy	3.9723, 0.3802, 0.3229
Android (android.graphics.Color)	4283183411 (0xFF4C3133)
YUV	57.3010, -3.1064, 16.3990
Hunter-Lab	19.9302, 7.0046, 3.0863




Details

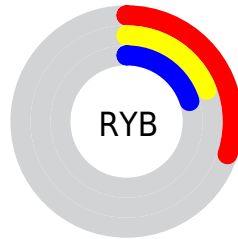
The HunterLab color **19.9302, 7.0046, 3.0863** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **25.1323, -7.8498, 0.0646**, and the grayscale version is **20.3373, -1.0852, 1.1050**.




A 20% lighter version of the original color is **36.7193, 7.9497, 4.5046**, and **6.3199, 8.3481, 2.6935** is the 20% darker color. If you saturate the color by 10%, you get **18.2535, 9.5322, 3.6865**, and if you desaturate by 10%, it is **21.7473, 4.5308, 2.5527**.

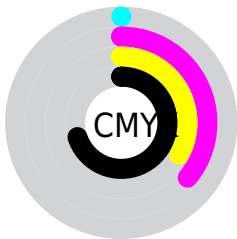
Distribution







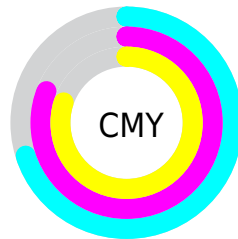
-  Red (30%)
-  Green (19%)
-  Blue (20%)






-  Red (30%)
-  Yellow (19%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (36%)
-  Yellow (33%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (81%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.9302, 7.0046, 3.0863 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 19.9302, 7.0046, 3.0863 by changing the saturation by 10% instead.

■ 19.9302, 7.0046,
3.0863

■ 19.9302, 7.0046,
3.0863

■ 118.0643, 7.5734,
10.1908

■ 12.8767, 6.4586,
2.3990

■ 36.8096, 7.6952,
4.5059

■ 6.2952, 8.3946,
2.8055

■ 46.4555, 7.8871,
5.2472

0.0000, NaN, NaN

■ 56.8220, 7.9958,
6.0118

0.0000, NaN, NaN

■ 67.8621, 8.0313,
6.8002

0.0000, NaN, NaN

■ 79.5370, 8.0012,
7.6126

0.0000, NaN, NaN

■ 91.8139, 7.9118,

0.0000, NaN, NaN

104.6645, 7.7678,
9.3082

■ 19.9302, 7.0046,
3.0863

■ 19.9302, 7.0046,
3.0863

■ 18.2535, 9.5322,
3.6865

■ 21.7473, 4.5308,
2.5527

■ 16.7403, 12.0726,
4.3494

■ 23.6826, 2.1326,
2.0816

■ 15.4189, 14.5458,
5.0614

■ 25.7197, -0.1864,
1.6674

■ 14.3184, 16.8285,
5.7933

■ 27.8448, -2.4296,
1.3035

■ 13.4638, 18.7613,
6.4982

■ 30.0469, -4.6039,
0.9831

■ 12.7655, 20.5251,
7.0550

■ 32.3167, -6.7177,
0.7002

■ 12.4452, 21.4118,
7.2739

■ 34.6471, -8.7794,
0.4495

■ 37.0318, -10.7968,
0.2265

■ 39.4659, -12.7769,
0.0273

Harmonies

Analogous

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



19.9307, 7.1275, -0.7294



19.9302, 7.0046, 3.0863



19.9307, 4.6095, 5.7643

Triad

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



19.9307, 7.0037, 3.0867



19.9307, -6.4289, 5.5565



19.9307, -2.8559, -7.5931

Complementary

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



19.9302, 7.0046, 3.0863



25.1323, -7.8498, 0.0646

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.



19.9307, -6.1672, -5.1051



19.9302, 7.0046, 3.0863



19.9307, -8.1155, 2.7432

Square

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



19.9307, 7.0037, 3.0867



19.9307, -3.2401, 6.9820



19.9307, -8.0237, -1.1488



19.9307, 1.2086, -7.4497

Rectangle

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



19.9302, 7.0046, 3.0863



19.9307, 2.1495, 6.7745



19.9307, -8.0237, -1.1488



19.9307, -4.0870, -7.0184

Sweetspot

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



19.9307, 7.0037, 3.0867



32.3547, 1.5464, 2.5151



20.4072, 9.8390, -7.1181



16.4962, 0.8965, 1.3081



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



19.9307, 7.0037, 3.0867



24.2860, 12.2877, 4.7935



22.3973, 1.9602, 6.1428



13.0574, 0.2782, 0.9333



16.8562, 28.9650, 10.1312



40.9644, 70.2515, 25.7052

Inverse Universe

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



19.9307, 7.0037, 3.0867



24.2860, 12.2877, 4.7935



22.1966, -3.0801, -4.6403



13.0574, 0.2782, 0.9333



16.8562, 28.9650, 10.1312



40.9644, 70.2515, 25.7052

Previews

White Background



This preview shows how the HunterLab color 19.9302, 7.0046, 3.0863 looks on a white background.

Color Contrast Check

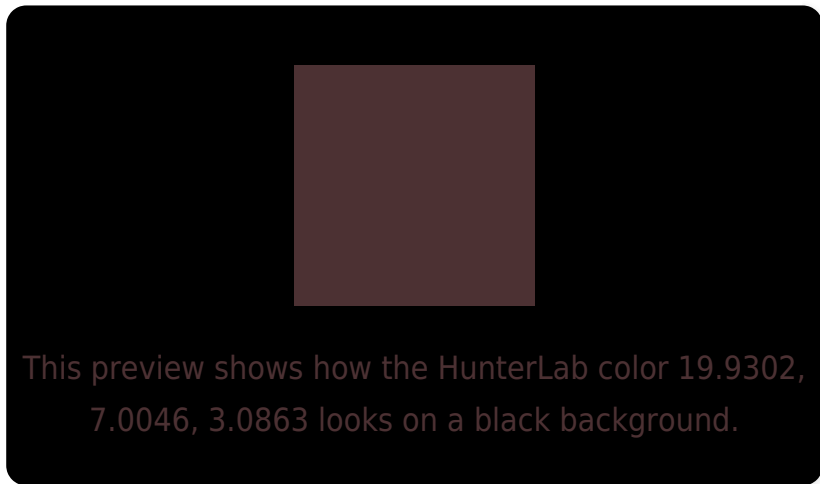
Large Text (above 18pt) WCAG AA ✓ Pass

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

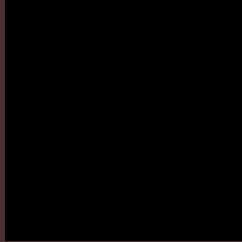
Any Text WCAG AA × Fail

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 19.9302, 7.0046, 3.0863 Background



This preview shows how black text looks on a background with the HunterLab color 19.9302, 7.0046, 3.0863.

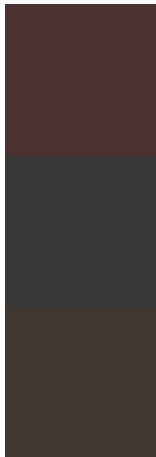


This preview shows how white text looks on a background with the HunterLab color 19.9302, 7.0046,

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

19.9302, 7.0046, 3.0863

Protanopia

20.0093, -0.6827, 1.6077

Deuteranopia

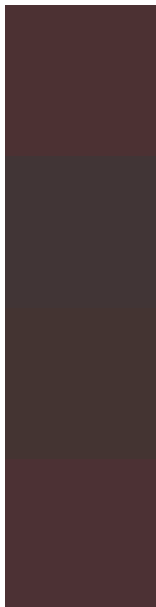
19.8963, 1.1506, 3.2878



Tritanopia

19.9526, 7.1180, 2.7653

Trichromacy



Original Color

19.9302, 7.0046, 3.0863

Protanomaly

19.8403, 2.3369, 1.8369

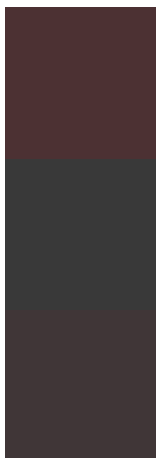
Deuteranomaly

19.7869, 3.1498, 3.2057

Tritanomaly

19.9526, 7.1180, 2.7653

Monochromacy



Original Color

19.9302, 7.0046, 3.0863

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.0104, 1.7614, 1.6517

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.9302, 7.0046, 3.0863 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(76, 49, 51)` looks like.

```
.text, #text, p{  
    color:rgb(76, 49, 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(76, 49, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 49, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 19.9302, 7.0046, 3.0863 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(76, 49, 51) }
```


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

```
.border{ border-color:rgb(76, 49, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 49, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 49, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 49, 51);  
box-shadow:4px 4px 4px 4px rgb(76, 49, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.9302, 7.0046, 3.0863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 49, 51) }
```

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

```
.background{ background-color: rgb(76, 49,  
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](#).

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