

Converting Colors

HunterLab(21.9306, 4.6573,
2.7729)

Have a look what the booklet for
HunterLab(21.9306, 4.6573, 2.7729)
contains.

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Color

**HunterLab(21.9306, 4.6573,
2.7729)**

Conversions

Conversions Part 1

Format	Color
Hex	4D393A
RGB	77, 57, 58
RGB Percent	30%, 22%, 23%
CMY	0.6980, 0.7765, 0.7725
CMYK	0.00, 0.26, 0.25, 0.70
HSL	357°, 15%, 26%
HSV	357°, 26%, 30%
XYZ	5.2874, 4.8095, 4.6526
YIQ	63.0940, 11.5990, 4.5510

Conversions

Conversions Part 2

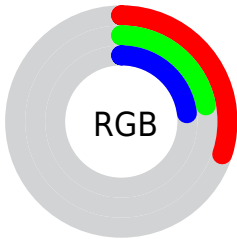
Format	Color
R_{YB}	77, 57, 58
Decimal	5060922
CIE Lab	26.19, 9.04, 2.81
CIE LCh	26, 9.464, 17.285
Yxy	4.8097, 0.3585, 0.3261
Android (android.graphics.Color)	4283251002 (0xFF4D393A)
YUV	63.0940, -2.5113, 12.1956
Hunter-Lab	21.9306, 4.6573, 2.7729




Details

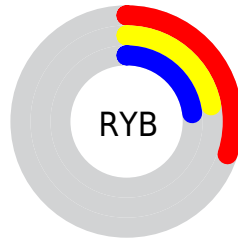
The HunterLab color **21.9306, 4.6573, 2.7729** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **25.8834, -6.3601, 0.1749**, and the grayscale version is **22.3336, -1.1917, 1.2134**.




A 20% lighter version of the original color is **39.1869, 4.7793, 4.0098**, and **8.3634, 4.2364, 2.0238** is the 20% darker color. If you saturate the color by 10%, you get **20.0898, 7.1553, 3.3685**, and if you desaturate by 10%, it is **23.8947, 2.2373, 2.2345**.

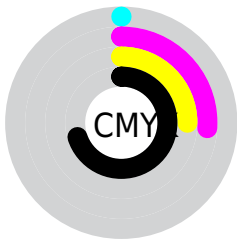
Distribution







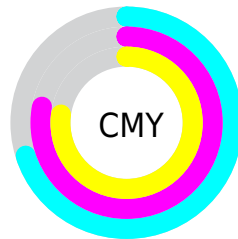
-  Red (30%)
-  Green (22%)
-  Blue (23%)






-  Red (30%)
-  Yellow (22%)
-  Blue (23%)



-  Cyan (0%)
-  Magenta (26%)
-  Yellow (25%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (78%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.9306, 4.6573, 2.7729 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 21.9306, 4.6573, 2.7729 by changing the saturation by 10% instead.

■ 21.9306, 4.6573,
2.7729

■ 21.9306, 4.6573,
2.7729

■ 121.6437, 3.4795,
9.4926

■ 14.6153, 4.3875,
2.1585

■ 39.2508, 4.8687,
4.0785

■ 8.2752, 4.3241,
1.8591

■ 49.0896, 4.8477,
4.7721

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.6358, 4.7572,
5.4931

0.0000, NaN, NaN

■ 70.8448, 4.6048,
6.2411

0.0000, NaN, NaN

■ 82.6795, 4.3964,
7.0157

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 95.1085, 4.1370,

108.1044, 3.8303,
8.6421

■ 21.9306, 4.6573,
2.7729

■ 21.9306, 4.6573,
2.7729

■ 20.0898, 7.1553,
3.3685

■ 23.8947, 2.2373,
2.2345

■ 18.3923, 9.7140,
4.0207

■ 25.9631, -0.0978,
1.7480

■ 16.8640, 12.2875,
4.7235

■ 28.1220, -2.3528,
1.3081

■ 15.5337, 14.7931,
5.4587

■ 30.3599, -4.5351,
0.9090

■ 14.4311, 17.1025,
6.1919

■ 32.6673, -6.6536,
0.5452

■ 13.5816, 19.0510,
6.8721

■ 35.0368, -8.7173,
0.2116

■ 12.8841, 20.8368,
7.4065

■ 37.4619, -10.7344,
-0.0959

■ 12.5945, 21.6353,
7.6198

■ 39.9376, -12.7121,
-0.3811

■ 42.4595, -14.6571,
-0.6470

Harmonies

Analogous

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



21.9311, 4.7888, -0.0579



21.9306, 4.6573, 2.7729



21.9311, 2.9106, 4.8787

Triad

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



21.9311, 4.6565, 2.7733



21.9311, -5.2790, 4.6217



21.9311, -2.4355, -4.9109

Complementary

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



21.9306, 4.6573, 2.7729



25.8834, -6.3601, 0.1749

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.



21.9311, -4.9750, -3.2676



21.9306, 4.6573, 2.7729



21.9311, -6.5560, 2.3757

Square

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



21.9311, 4.6565, 2.7733



21.9311, -2.8711, 5.8425



21.9311, -6.4478, -0.5127



21.9311, 0.5818, -4.7663

Rectangle

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



21.9306, 4.6573, 2.7729



21.9311, 1.1175, 5.7045



21.9311, -6.4478, -0.5127



21.9311, -3.3701, -4.5408

Sweetspot

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



21.9311, 4.6565, 2.7733



33.1900, 0.5678, 2.4185



22.3580, 7.0458, -4.7190



16.8774, 0.4433, 1.2711



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.



21.9311, 4.6565, 2.7733



27.0776, 8.0560, 4.0807



24.0204, 0.6746, 5.2578



13.0554, 0.2670, 0.9630



16.8402, 28.9057, 10.3681



40.9458, 70.1826, 25.9805

Inverse Universe

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



21.9311, 4.6565, 2.7733



27.0776, 8.0560, 4.0807



23.5374, -2.5578, -3.2273



13.0554, 0.2670, 0.9630



16.8402, 28.9057, 10.3681



40.9458, 70.1826, 25.9805

Previews

White Background



This preview shows how the HunterLab color 21.9306, 4.6573, 2.7729 looks on a white background.

Color Contrast Check

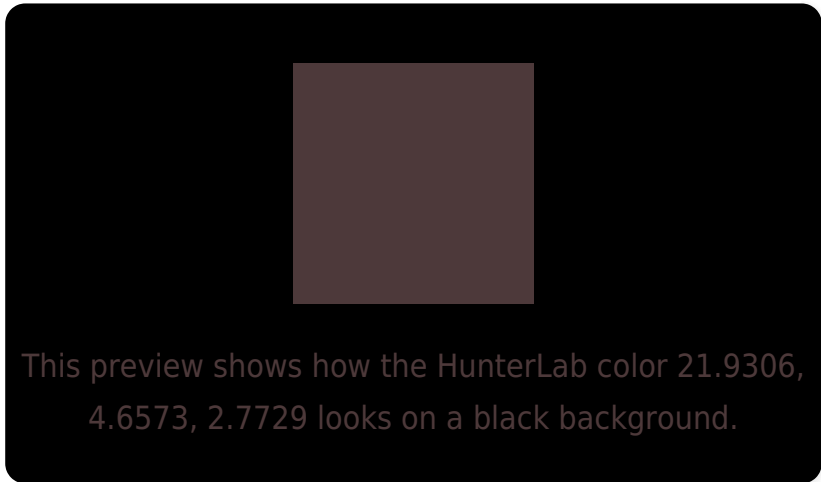
Large Text (above 18pt) WCAG AA ✓ Pass

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

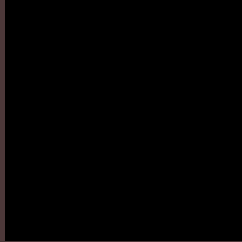
Any Text WCAG AA × Fail

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 21.9306, 4.6573, 2.7729 Background



This preview shows how black text looks on a background with the HunterLab color 21.9306, 4.6573, 2.7729.

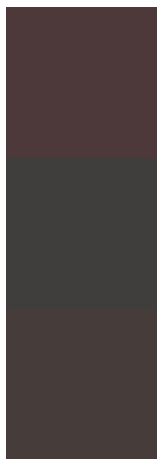


This preview shows how white text looks on a background with the HunterLab color 21.9306, 4.6573,

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

21.9306, 4.6573, 2.7729

Protanopia

22.0730, -0.7872, 1.7287

Deuteranopia

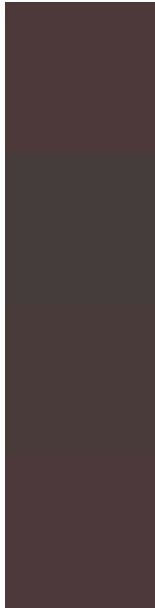
21.9755, 1.1830, 3.1182



Tritanopia

22.0022, 5.0297, 1.7488

Trichromacy



Original Color

21.9306, 4.6573, 2.7729

Protanomaly

21.9617, 1.2770, 2.0140

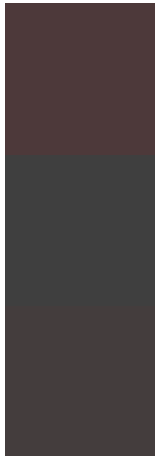
Deuteranomaly

21.9996, 2.4766, 3.1671

Tritanomaly

21.9779, 4.9034, 2.0959

Monochromacy



Original Color

21.9306, 4.6573, 2.7729

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

22.1435, 0.7072, 1.8361

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.9306, 4.6573, 2.7729 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(77, 57, 58)` looks like.

```
.text, #text, p{  
    color:rgb(77, 57, 58)  
}
```

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(77, 57, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 57, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 21.9306, 4.6573, 2.7729 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(77, 57, 58) }
```


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

```
.border{ border-color:rgb(77, 57, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 57, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 57, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 57, 58);  
box-shadow:4px 4px 4px 4px rgb(77, 57, 58)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.9306, 4.6573, 2.7729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 57, 58) }
```

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

```
.background{ background-color: rgb(77, 57,  
58) }
```

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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