

Converting Colors

HunterLab(20.0249, 5.3597,
6.9876)

Have a look what the booklet for
HunterLab(20.0249, 5.3597, 6.9876)
contains.

HunterLab(19.9973, 5.6280, 6.9840)	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(19.9973, 5.6280,
6.9840)**

Conversions

Conversions Part 1

Format	Color
Hex	4D3226
RGB	77, 50, 38
RGB Percent	30%, 20%, 15%
CMY	0.6980, 0.8039, 0.8510
CMYK	0.00, 0.35, 0.51, 0.70
HSL	18°, 34%, 23%
HSV	18°, 51%, 30%
XYZ	4.5510, 3.9989, 2.3657
YIQ	56.7050, 19.9440, 1.9920

Conversions

Conversions Part 2

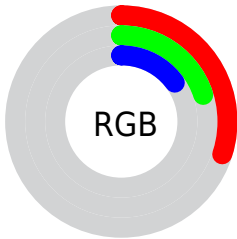
Format	Color
R_{YB}	77, 55, 38
Decimal	5059110
CIE _{Lab}	23.67, 10.58, 12.59
CIE _{LCh}	24, 16.441, 49.950
Yxy	3.9991, 0.4169, 0.3664
Android (android.graphics.Color)	4283249190 (0xFF4D3226)
YUV	56.7050, -9.2216, 17.7987
Hunter-Lab	19.9973, 5.6280, 6.9840

Details

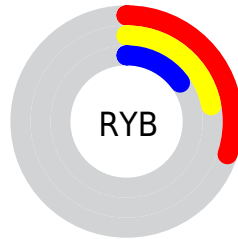
The HunterLab color **19.9973, 5.6280, 6.9840** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **21.7446, -4.9785, -5.8325**, and the grayscale version is **20.1528, -1.0753, 1.0949**.

A 20% lighter version of the original color is **36.7455, 6.1161, 9.5449**, and **6.4468, 6.7134, 4.0900** is the 20% darker color. If you saturate the color by 10%, you get **18.7747, 7.3103, 7.7541**, and if you desaturate by 10%, it is **21.2997, 4.0398, 6.0864**.

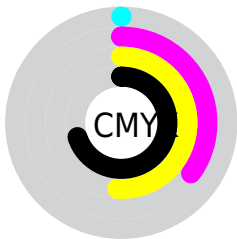
Distribution



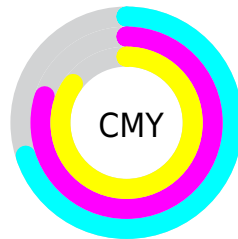
- Red (30%)
- Green (20%)
- Blue (15%)



- Red (30%)
- Yellow (22%)
- Blue (15%)



- Cyan (0%)
- Magenta (35%)
- Yellow (51%)
- Black (70%)



- Cyan (70%)
- Magenta (80%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.9973, 5.6280, 6.9840 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 19.9973, 5.6280, 6.9840 by changing the saturation by 10% instead.

■ 19.9973, 5.6280,
6.9840

■ 19.9973, 5.6280,
6.9840

■ 118.1857, 5.2902,
18.6064

■ 12.9347, 5.2183,
5.5352

■ 36.8919, 6.0751,
9.7230

■ 6.3728, 6.8931,
4.4610

■ 46.5444, 6.1572,
11.0232

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.9171, 6.1623,
12.3008

0.0000, NaN, NaN

■ 67.9631, 6.0997,
13.5657

0.0000, NaN, NaN

■ 79.6434, 5.9761,
14.8246

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.9255, 5.7972,

16.0822

0.0000, NaN, NaN

104.7811, 5.5673,
17.3420

19.9973, 5.6280,
6.9840

19.9973, 5.6280,
6.9840

18.7747, 7.3103,
7.7541

21.2997, 4.0398,
6.0864

17.6398, 9.0811,
8.3740

22.6719, 2.5499,
5.0799

16.6032, 10.9207,
8.8214

24.1069, 1.1545,
3.9817

15.6739, 12.7895,
9.1000

25.5983, -0.1522,
2.8055

14.8949, 14.4511,
9.4312

27.1404, -1.3768,
1.5628

■ 28.7285, -2.5267,
0.2629

■ 30.3582, -3.6090,
-1.0867

■ 32.0261, -4.6306,
-2.4798

■ 33.7290, -5.5977,
-3.9116

Harmonies

Analogous

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



19.9978, 8.9881, 4.0117



19.9973, 5.6280, 6.9840



19.9978, 0.6686, 8.2571

Triad

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



19.9978, 5.6270, 6.9843



19.9978, -9.8213, 2.6460



19.9978, 2.3820, -9.7892

Complementary

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



19.9973, 5.6280, 6.9840



21.7446, -4.9785, -5.8325

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.



19.9978, -2.7475, -10.4197



19.9973, 5.6280, 6.9840



19.9978, -9.4613, -2.3557

Square

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



19.9978, 5.6270, 6.9843



19.9978, -8.0220, 6.2003



19.9978, -6.9840, -7.4300



19.9978, 6.9886, -5.8765

Rectangle

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



19.9973, 5.6280, 6.9840



19.9978, -2.7312, 8.2587



19.9978, -6.9840, -7.4300



19.9978, 0.6512, -10.4240

Sweetspot

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



19.9978, 5.6270, 6.9843



32.3911, 0.6206, 4.4163



18.3007, 13.9774, -4.8286



16.4909, 0.4186, 2.3540



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.



19.9978, 5.6270, 6.9843



24.0719, 10.1021, 10.3279



24.4920, -2.4060, 10.6106



13.3139, -0.2073, 1.3169



19.5582, 20.3476, 12.4079



46.0430, 53.9596, 29.3162

Inverse Universe

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



21.7446, -4.9785, -5.8325



26.8123, -6.7875, -9.9504



16.9892, 2.9248, -13.9830



13.4781, -1.1846, 0.1245



23.2730, -5.2412, -17.7751



55.1703, -10.5208, -46.2466

Previews

White Background



This preview shows how the HunterLab color 19.9973, 5.6280, 6.9840 looks on a white background.

Color Contrast Check

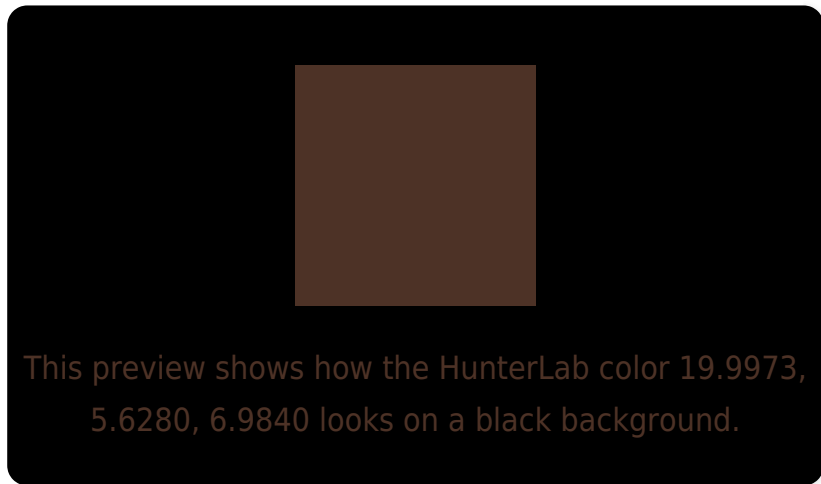
Large Text (above 18pt) WCAG AA ✓ Pass

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

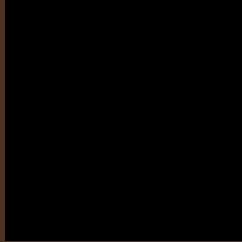
Any Text WCAG AA × Fail

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 19.9973, 5.6280, 6.9840 Background



This preview shows how black text looks on a background with the HunterLab color 19.9973, 5.6280, 6.9840.

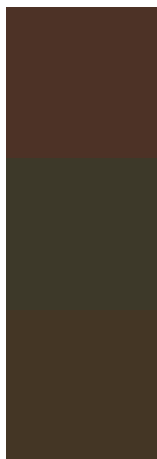


This preview shows how white text looks on a background with the HunterLab color 19.9973, 5.6280,

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

19.9973, 5.6280, 6.9840

Protanopia

20.1952, -1.8618, 6.2527

Deuteranopia

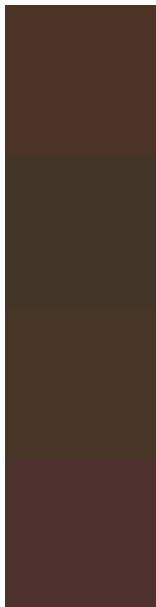
20.0021, 1.0226, 7.1550



Tritanopia

19.9538, 8.1871, 2.7854

Trichromacy



Original Color

19.9973, 5.6280, 6.9840

Protanomaly

19.9620, 0.9856, 6.3553

Deuteranomaly

20.0484, 2.3595, 7.2189

Tritanomaly

20.0538, 7.2150, 4.5323

Monochromacy



Original Color

19.9973, 5.6280, 6.9840

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

19.8963, 1.1506, 3.2878

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.9973, 5.6280, 6.9840 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, 50, 38)` looks like.

```
.text, #text, p{  
    color:rgb(77, 50, 38)  
}
```

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, 50, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 50, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 19.9973, 5.6280, 6.9840 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, 50, 38) }
```


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

```
.border{ border-color:rgb(77, 50, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 50, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 50, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 50, 38);  
box-shadow:4px 4px 4px 4px rgb(77, 50, 38)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.9973, 5.6280, 6.9840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 50, 38) }
```

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

```
.background{ background-color: rgb(77, 50,  
38) }
```

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