

Converting Colors

HunterLab(12.8594, 22.7732,
2.4872)

Have a look what the booklet for
HunterLab(12.8594, 22.7732,
2.4872) contains.

HunterLab(12.7884, 22.6741, 2.2670)	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(12.7884, 22.6741,
2.2670)**

Conversions

Conversions Part 1

Format	Color
Hex	4C001F
RGB	76, 0, 31
RGB Percent	30%, 0%, 12%
CMY	0.7020, 1.0000, 0.8784
CMYK	0.00, 1.00, 0.59, 0.70
HSL	336°, 100%, 15%
HSV	336°, 100%, 30%
XYZ	3.2278, 1.6354, 1.4419
YIQ	26.2580, 35.3450, 25.7530

Conversions

Conversions Part 2

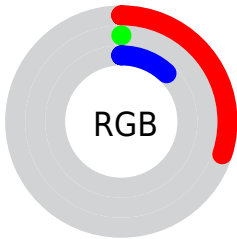
Format	Color
R_{YB}	76, 0, 31
Decimal	4980767
CIE Lab	13.44, 35.00, 3.45
CIE LCh	13, 35.170, 5.629
Yxy	1.6355, 0.5119, 0.2594
Android (android.graphics.Color)	4283170847 (0xFF4C001F)
YUV	26.2580, 2.3378, 43.6237
Hunter-Lab	12.7884, 22.6741, 2.2670

Details

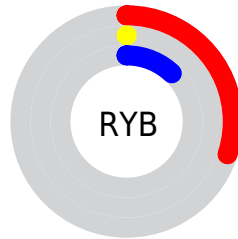
The HunterLab color **12.7884, 22.6741, 2.2670** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **23.1482, -16.9268, 7.6075**, and the grayscale version is **10.2285, -0.5458, 0.5557**.

A 20% lighter version of the original color is **27.7628, 25.7550, 3.7227**, and **3.3190, 5.6839, 2.1447** is the 20% darker color. If you saturate the color by 10%, you get **12.7883, 22.6739, 2.2678**, and if you desaturate by 10%, it is **13.5127, 20.9212, 1.5436**.

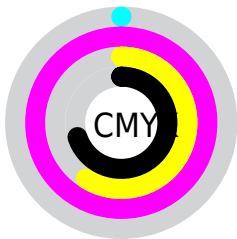
Distribution



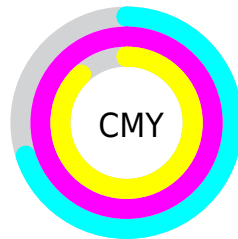
- Red (30%)
- Green (0%)
- Blue (12%)



- Red (30%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (70%)



- Cyan (70%)
- Magenta (100%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.7884, 22.6741, 2.2670 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 12.7884, 22.6741, 2.2670 by changing the saturation by 10% instead.

12.7884, 22.6741,
2.2670

12.7884, 22.6741,
2.2670

104.4876, 33.0865,
9.0208

6.1756, 26.0565,
2.6516

27.8289, 25.8039,
3.6087

0.0000, INF, NaN

0.0000, NaN, NaN

36.6847, 27.1883,
4.3086

0.0000, NaN, NaN

46.3206, 28.4420,
5.0322

0.0000, NaN, NaN

0.0000, NaN, NaN

56.6777, 29.5743,
5.7806

0.0000, NaN, NaN


67.7091, 30.5956,
6.5538


0.0000, NaN, NaN


79.3756, 31.5158,


0.0000, NaN, NaN


7.3518


 91.6445, 32.3436,
8.1742


 12.7884, 22.6741,
2.2670


 12.7884, 22.6741,
2.2670


 12.7883, 22.6739,
2.2678

 13.5127, 20.9212,
1.5436

 14.2729, 19.2597,
0.7927

 15.2552, 17.1483,
0.2462

 16.4543, 14.7008,
-0.0744

 17.8457, 12.0598,
-0.1846

■ 19.4043, 9.3319,
-0.1117

■ 21.1063, 6.5872,
0.1147

■ 22.9313, 3.8661,
0.4672

■ 24.8622, 1.1891,
0.9223

Harmonies

Analogous

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



12.7888, 20.2432, -8.6011



12.7884, 22.6741, 2.2670



12.7888, 17.5280, 8.0792

Triad

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



12.7888, 22.6726, 2.2674



12.7888, -9.5856, 8.9522



12.7888, -7.3075, -26.8709

Complementary

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



12.7884, 22.6741, 2.2670



23.1482, -16.9268, 7.6075

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.



12.7888, -12.3745, -13.8757



12.7884, 22.6741, 2.2670



12.7888, -13.5499, 6.1425

Square

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



12.7888, 22.6726, 2.2674



12.7888, -2.4046, 8.9522



12.7888, -14.5600, -1.1038



12.7888, 1.1347, -30.8576

Rectangle

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



12.7884, 22.6741, 2.2670



12.7888, 11.1761, 8.9522



12.7888, -14.5600, -1.1038



12.7888, -9.3561, -23.1084

Sweetspot

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



12.7888, 22.6726, 2.2674



27.5976, 9.1125, 0.1080



10.3191, 22.7257, -32.5294



13.8770, 5.0987, 0.0142



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.



12.7888, 22.6726, 2.2674



16.8378, 29.7680, 3.6500



12.9387, 19.4251, 8.3122



13.0867, 0.4364, 0.5153



17.2890, 30.5585, 3.8040



41.8825, 73.6377, 12.2374

Inverse Universe

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



12.7888, 22.6726, 2.2674



16.8378, 29.7680, 3.6500



22.0468, -10.4553, -4.9858



13.0867, 0.4364, 0.5153



17.2890, 30.5585, 3.8040



41.8825, 73.6377, 12.2374

Previews

White Background



This preview shows how the HunterLab color 12.7884, 22.6741, 2.2670 looks on a white background.

Color Contrast Check

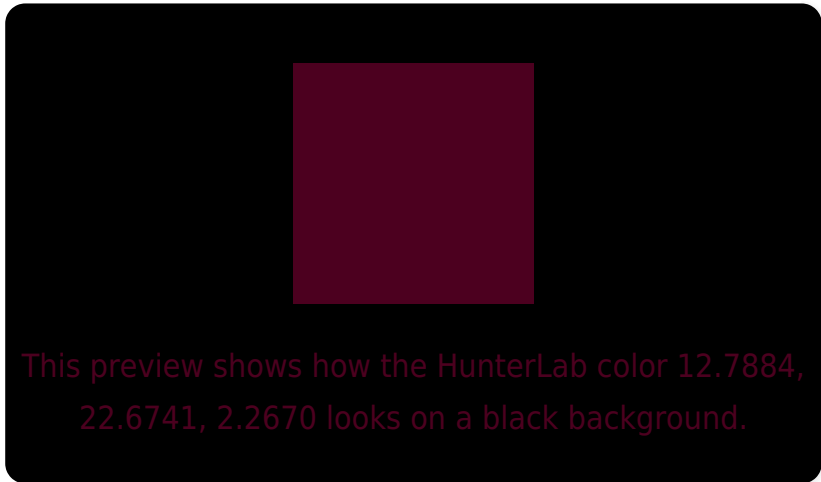
Large Text (above 18pt) WCAG AA ✓ Pass

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

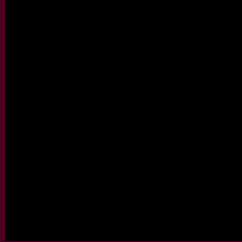
Any Text WCAG AA × Fail

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 12.7884, 22.6741, 2.2670 Background



This preview shows how black text looks on a background with the HunterLab color 12.7884, 22.6741, 2.2670.



This preview shows how white text looks on a background with the HunterLab color 12.7884, 22.6741,

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

12.7884, 22.6741, 2.2670

Protanopia

14.3268, -0.1722, -1.4490

Deuteranopia

14.0990, 0.6209, 4.0787



Tritanopia

13.3617, 18.0234, 7.0055

Trichromacy



Original Color

12.7884, 22.6741, 2.2670

Protanomaly

12.5639, 8.5135, -1.5825

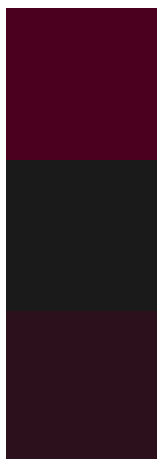
Deuteranomaly

12.6958, 9.2164, 2.5560

Tritanomaly

13.1017, 19.3892, 5.6246

Monochromacy



Original Color

12.7884, 22.6741, 2.2670

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

10.1005, 7.9269, -0.0861

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.7884, 22.6741, 2.2670 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, 0, 31)` looks like.

```
.text, #text, p{  
    color:rgb(76, 0, 31)  
}
```

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, 0, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 0, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 12.7884, 22.6741, 2.2670 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, 0, 31) }
```


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

```
.border{ border-color:rgb(76, 0, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 0, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 0, 31); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 0, 31); box-shadow:4px  
4px 4px 4px rgb(76, 0, 31) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.7884, 22.6741, 2.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 0, 31) }
```

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

```
.background{ background-color: rgb(76, 0,  
31) }
```

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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