

Converting Colors

HunterLab(7.0987, 49.9437,
4.9691)

Have a look what the booklet for
HunterLab(7.0987, 49.9437, 4.9691)
contains.

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Color

**HunterLab(12.4044, 21.2606,
7.8785)**

Conversions

Conversions Part 1

Format	Color
Hex	4C0001
RGB	76, 0, 1
RGB Percent	30%, 0%, 0%
CMY	0.7020, 1.0000, 0.9961
CMYK	0.00, 1.00, 0.99, 0.70
HSL	359°, 100%, 15%
HSV	359°, 100%, 30%
XYZ	2.9860, 1.5387, 0.1683
YIQ	22.8380, 44.9750, 16.4230

Conversions

Conversions Part 2

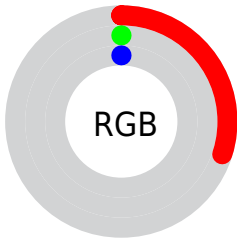
Format	Color
R_{YB}	76, 0, 1
Decimal	4980737
CIE Lab	12.85, 33.40, 19.75
CIE LCh	13, 38.807, 30.596
Yxy	1.5388, 0.6362, 0.3279
Android (android.graphics.Color)	4283170817 (0xFF4C0001)
YUV	22.8380, -10.7661, 46.6231
Hunter-Lab	12.4044, 21.2606, 7.8785

Details

The HunterLab color **12.4044, 21.2606, 7.8785** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **23.8263, -12.8182, -2.1094**, and the grayscale version is **9.2303, -0.4925, 0.5015**.

A 20% lighter version of the original color is **27.2309, 24.2380, 11.1155**, and **2.1253, 3.6397, 1.3733** is the 20% darker color. If you saturate the color by 10%, you get **12.4043, 21.2603, 7.8791**, and if you desaturate by 10%, it is **13.1157, 19.3680, 7.3174**.

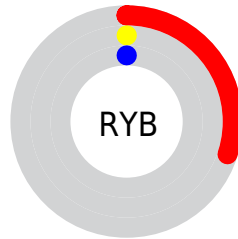
Distribution



Red (30%)

Green (0%)

Blue (0%)



Red (30%)

Yellow (0%)

Blue (0%)

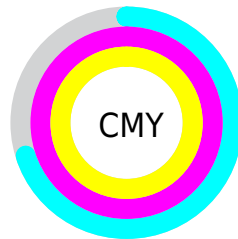


Cyan (0%)

Magenta (100%)

Yellow (99%)

Black (70%)



Cyan (70%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4044, 21.2606, 7.8785 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 12.4044, 21.2606, 7.8785 by changing the saturation by 10% instead.

12.4044, 21.2606,
7.8785

12.4044, 21.2606,
7.8785

103.7113, 31.1731,
23.1994

5.6196, 26.5788,
3.9337

27.3303, 24.2929,
11.2167

0.0000, INF, NaN

0.0000, NaN, NaN

36.1378, 25.6196,
13.1108

0.0000, NaN, NaN

45.7292, 26.8143,
14.9089

0.0000, NaN, NaN

56.0450, 27.8876,
16.6400

0.0000, NaN, NaN

0.0000, NaN, NaN


67.0375, 28.8507,
18.3230


0.0000, NaN, NaN


78.6674, 29.7136,


0.0000, NaN, NaN


19.9713


 90.9015, 30.4852,
21.5944


 12.4044, 21.2606,
7.8785


 12.4044, 21.2606,
7.8785


 12.4043, 21.2603,
7.8791

 13.1157, 19.3680,
7.3174

 13.8614, 17.5655,
6.7518

 14.8508, 15.3914,
6.0780

 16.0767, 12.9736,
5.3523

 17.5107, 10.4551,
4.6193

■ 19.1234, 7.9338,
3.9079

■ 20.8881, 5.4659,
3.2332

■ 22.7819, 3.0780,
2.6008

■ 24.7859, 0.7782,
2.0108

Harmonies

Analogous

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



12.4048, 25.8241, 0.8684



12.4044, 21.2606, 7.8785



12.4048, 10.5679, 8.6834

Triad

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



12.4048, 21.2590, 7.8787



12.4048, -14.1238, 7.6453



12.4048, -0.4571, -36.4849

Complementary

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



12.4044, 21.2606, 7.8785



23.8263, -12.8182, -2.1094

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.



12.4048, -8.9292, -29.2614



12.4044, 21.2606, 7.8785



12.4048, -15.8792, 0.4788

Square

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



12.4048, 21.2590, 7.8787



12.4048, -9.1818, 8.6834



12.4048, -13.9821, -13.1524



12.4048, 11.0419, -28.7145

Rectangle

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



12.4044, 21.2606, 7.8785



12.4048, 2.7237, 8.6834



12.4048, -13.9821, -13.1524



12.4048, -3.7205, -35.6946

Sweetspot

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



12.4048, 21.2590, 7.8787



27.2995, 7.5861, 4.3683



14.1670, 27.9424, -19.3965



13.7141, 4.2704, 2.3428



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.



12.4048, 21.2590, 7.8787



16.3735, 28.0576, 10.4451



16.8620, 8.9596, 10.5466



13.0522, 0.2499, 1.0082



16.8158, 28.8149, 10.7311



40.9231, 70.0981, 26.3188

Inverse Universe

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



12.4048, 21.2590, 7.8787



16.3735, 28.0576, 10.4451



14.1089, 1.1055, -20.0199



13.0522, 0.2499, 1.0082



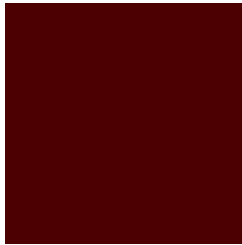
16.8158, 28.8149, 10.7311



40.9231, 70.0981, 26.3188

Previews

White Background



This preview shows how the HunterLab color 12.4044, 21.2606, 7.8785 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

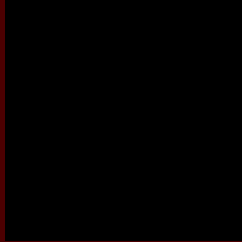
Any Text WCAG AA × Fail

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 12.4044, 21.2606, 7.8785 Background



This preview shows how black text looks on a background with the HunterLab color 12.4044, 21.2606, 7.8785.

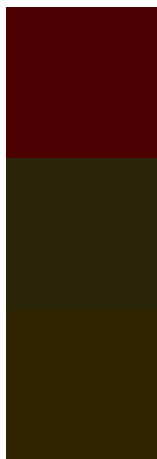


This preview shows how white text looks on a background with the HunterLab color 12.4044, 21.2606,

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

12.4044, 21.2606, 7.8785

Protanopia

13.8627, -1.8013, 7.2824

Deuteranopia

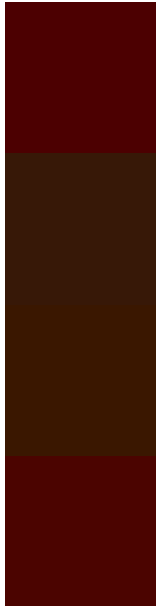
13.7482, -0.0424, 8.4708



Tritanopia

12.8367, 18.9409, 8.2415

Trichromacy



Original Color

12.4044, 21.2606, 7.8785

Protanomaly

12.1689, 7.1690, 6.6446

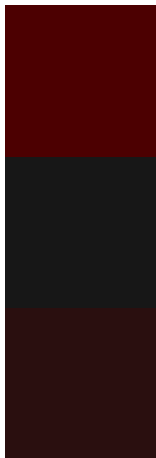
Deuteranomaly

12.2977, 8.2538, 7.7223

Tritanomaly

12.5805, 19.7706, 8.0982

Monochromacy



Original Color

12.4044, 21.2606, 7.8785

Achromatopsia

9.2564, -0.4939, 0.5029

Achromatomaly

9.3187, 6.9062, 2.9876

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4044, 21.2606, 7.8785 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, 1)` looks like.

```
.text, #text, p{  
    color:rgb(76, 0, 1)  
}
```

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, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 0, 1) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4044, 21.2606, 7.8785 is called "border". The border property can be set on classes, ids or directly on the HTML element.

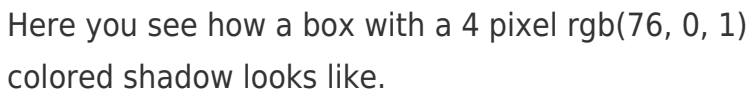
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(76, 0, 1) }
```


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

```
.border{ border-color:rgb(76, 0, 1) }
```

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, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 0, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 0, 1); box-shadow:4px  
4px 4px 4px rgb(76, 0, 1) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.4044, 21.2606, 7.8785 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, 1) }
```

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

```
.background{ background-color: rgb(76, 0,  
1) }
```

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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