

Converting Colors

HunterLab(11.7427, 30.2157,
-6.5233)

Have a look what the booklet for
HunterLab(11.7427, 30.2157,
-6.5233) contains.

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Color

**HunterLab(13.2284, 24.2672,
-3.9570)**

Conversions

Conversions Part 1

Format	Color
Hex	4C0030
RGB	76, 0, 48
RGB Percent	30%, 0%, 19%
CMY	0.7020, 1.0000, 0.8118
CMYK	0.00, 1.00, 0.37, 0.70
HSL	322°, 100%, 15%
HSV	322°, 100%, 30%
XYZ	3.5140, 1.7499, 2.9489
YIQ	28.1960, 29.8880, 31.0400

Conversions

Conversions Part 2

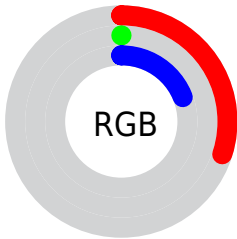
Format	Color
R_{YB}	76, 0, 48
Decimal	4980784
CIE _{Lab}	14.12, 36.76, -8.14
CIE _{LCh}	14, 37.646, 347.518
Yxy	1.7500, 0.4279, 0.2131
Android (android.graphics.Color)	4283170864 (0xFF4C0030)
YUV	28.1960, 9.7634, 41.9241
Hunter-Lab	13.2284, 24.2672, -3.9570

Details

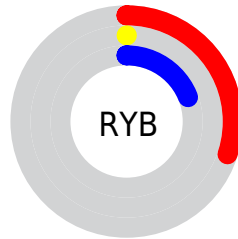
The HunterLab color **13.2284, 24.2672, -3.9570** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **22.9190, -18.3464, 10.9586**, and the grayscale version is **10.8014, -0.5763, 0.5869**.

A 20% lighter version of the original color is **28.3473, 27.4766, -4.2004**, and **4.4315, 7.6385, 2.4802** is the 20% darker color. If you saturate the color by 10%, you get **13.2284, 24.2670, -3.9563**, and if you desaturate by 10%, it is **13.9242, 22.5027, -4.2640**.

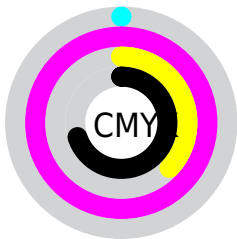
Distribution



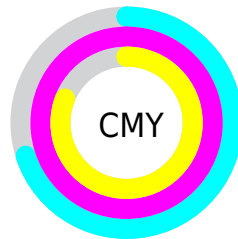
- Red (30%)
- Green (0%)
- Blue (19%)



- Red (30%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (37%)
- Black (70%)



- Cyan (70%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.2284, 24.2672, -3.9570 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 13.2284, 24.2672, -3.9570 by changing the saturation by 10% instead.

13.2284, 24.2672,
-3.9570

13.2284, 24.2672,
-3.9570

105.3700, 35.2134,
-2.6012

6.7507, 26.0263,
-4.6598

28.3978, 27.4988,
-4.1361

0.0000, INF, NaN

0.0000, NaN, NaN

37.3081, 28.9444,
-4.0982

0.0000, NaN, NaN

46.9941, 30.2611,
-3.9892

0.0000, NaN, NaN

57.3979, 31.4565,
-3.8169

0.0000, NaN, NaN

0.0000, NaN, NaN

68.4730, 32.5405,
-3.5874

0.0000, NaN, NaN

80.1810, 33.5225,

0.0000, NaN, NaN

-3.3057

■ 92.4893, 34.4110,
-2.9759

■ 13.2284, 24.2672,
-3.9570

■ 13.2284, 24.2672,
-3.9570

■ 13.2284, 24.2670,
-3.9563

■ 13.9242, 22.5027,
-4.2640

■ 14.6511, 20.7881,
-4.5332

■ 15.5917, 18.5845,
-4.4904

■ 16.7437, 16.0036,
-4.1510

■ 18.0854, 13.1919,
-3.5661

■ 19.5936, 10.2643,
-2.7886

■ 21.2459, 7.2994,
-1.8648

■ 23.0227, 4.3459,
-0.8312

■ 24.9070, 1.4300,
0.2842

Harmonies

Analogous

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



13.2288, 16.9934, -18.9695



13.2284, 24.2672, -3.9570



13.2288, 23.5386, 5.1844

Triad

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



13.2288, 24.2659, -3.9565



13.2288, -6.0860, 9.2601



13.2288, -11.4796, -21.6087

Complementary

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



13.2284, 24.2672, -3.9570



22.9190, -18.3464, 10.9586

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.



13.2288, -14.9330, -6.1800



13.2284, 24.2672, -3.9570



13.2288, -12.2529, 9.2601

Square

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



13.2288, 24.2659, -3.9565



13.2288, 3.7838, 9.2601



13.2288, -15.2150, 4.1385



13.2288, -4.6678, -33.2828

Rectangle

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



13.2284, 24.2672, -3.9570



13.2288, 18.6166, 8.8177



13.2288, -15.2150, 4.1385



13.2288, -12.9432, -16.3222

Sweetspot

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



13.2288, 24.2659, -3.9565



27.7895, 10.0870, -2.6103



8.7575, 20.9529, -40.5281



13.9831, 5.6333, -1.4874



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.



13.2288, 24.2659, -3.9565



17.4207, 31.8812, -4.6170



12.4853, 21.5574, 6.6884



13.1069, 0.5452, 0.2277



17.8878, 32.7295, -4.6898



43.3393, 78.9327, -8.5281

Inverse Universe

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



13.2288, 24.2659, -3.9565



17.4207, 31.8812, -4.6170



23.5812, -14.2892, 1.3726



13.1069, 0.5452, 0.2277



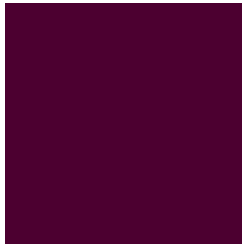
17.8878, 32.7295, -4.6898



43.3393, 78.9327, -8.5281

Previews

White Background



This preview shows how the HunterLab color 13.2284, 24.2672, -3.9570 looks on a white background.

Color Contrast Check

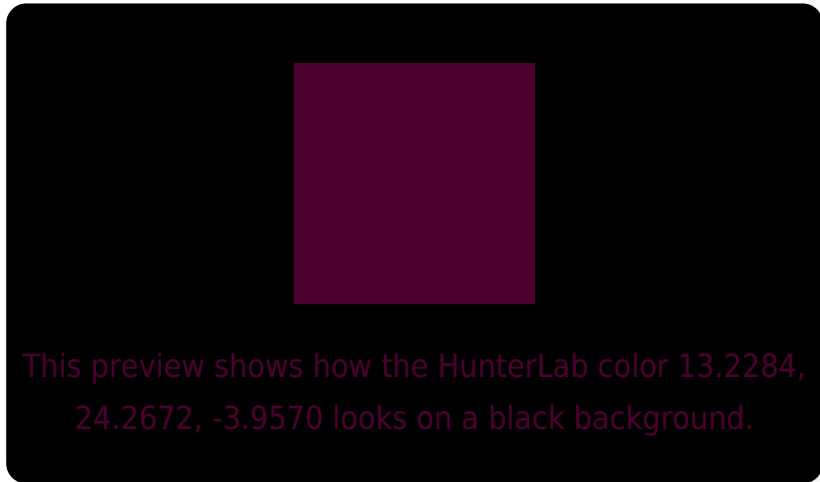
Large Text (above 18pt) WCAG AA ✓ Pass

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

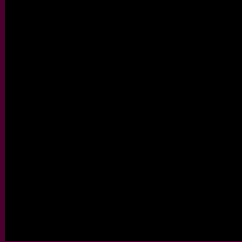
Any Text WCAG AA × Fail

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 13.2284, 24.2672, -3.9570 Background



This preview shows how black text looks on a background with the HunterLab color 13.2284, 24.2672, -3.9570.



This preview shows how white text looks on a background with the HunterLab color 13.2284, 24.2672, -3.9570.

-3.9570.

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

13.2284, 24.2672, -3.9570

Protanopia

14.5862, 2.3584, -13.8564

Deuteranopia

14.6039, 0.7712, -1.0668



Tritanopia

14.0431, 15.8854, 6.1372

Trichromacy



Original Color

13.2284, 24.2672, -3.9570

Protanomaly

12.6098, 10.0962, -12.8114

Deuteranomaly

12.9491, 9.9000, -3.6824

Tritanomaly

13.6108, 19.0326, 3.3695

Monochromacy



Original Color

13.2284, 24.2672, -3.9570

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

10.5444, 8.6642, -2.2919

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.2284, 24.2672, -3.9570 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, 48)` looks like.

```
.text, #text, p{  
    color:rgb(76, 0, 48)  
}
```

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, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 0, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 13.2284, 24.2672, -3.9570 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, 48) }
```


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

```
.border{ border-color:rgb(76, 0, 48) }
```

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, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 0, 48); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 0, 48); box-shadow:4px  
4px 4px 4px rgb(76, 0, 48) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.2284, 24.2672, -3.9570 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, 48) }
```

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

```
.background{ background-color: rgb(76, 0,  
48) }
```

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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