

Converting Colors

HunterLab(12.6121, 22.0278,
4.8219)

Have a look what the booklet for
HunterLab(12.6121, 22.0278,
4.8219) contains.

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Color

**HunterLab(12.6121, 22.0278,
4.8219)**

Conversions

Conversions Part 1

Format	Color
Hex	4C0015
RGB	76, 0, 21
RGB Percent	30%, 0%, 8%
CMY	0.7020, 1.0000, 0.9176
CMYK	0.00, 1.00, 0.72, 0.70
HSL	343°, 100%, 15%
HSV	343°, 100%, 30%
XYZ	3.1159, 1.5907, 0.8523
YIQ	25.1180, 38.5550, 22.6430

Conversions

Conversions Part 2

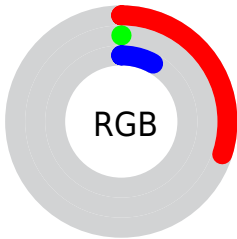
Format	Color
R_{YB}	76, 0, 21
Decimal	4980757
CIE Lab	13.17, 34.28, 10.52
CIE LCh	13, 35.854, 17.067
Yxy	1.5907, 0.5605, 0.2862
Android (android.graphics.Color)	4283170837 (0xFF4C0015)
YUV	25.1180, -2.0302, 44.6235
Hunter-Lab	12.6121, 22.0278, 4.8219

Details

The HunterLab color **12.6121, 22.0278, 4.8219** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23.3341, -15.7877, 4.9164**, and the grayscale version is **9.8939, -0.5279, 0.5376**.

A 20% lighter version of the original color is **27.6603, 25.0087, 7.4018**, and **2.7958, 4.7878, 1.8066** is the 20% darker color. If you saturate the color by 10%, you get **12.6120, 22.0276, 4.8226**, and if you desaturate by 10%, it is **13.3358, 20.2324, 4.0952**.

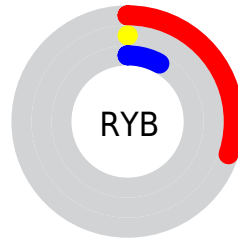
Distribution



Red (30%)

Green (0%)

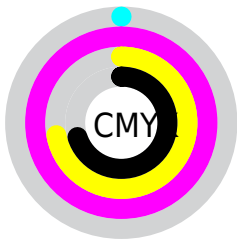
Blue (8%)



Red (30%)

Yellow (0%)

Blue (8%)

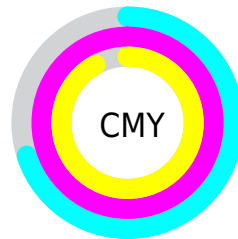


Cyan (0%)

Magenta (100%)

Yellow (72%)

Black (70%)



Cyan (70%)


Magenta (100%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 12.6121, 22.0278, 4.8219 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 12.6121, 22.0278, 4.8219 by changing the saturation by 10% instead.

 12.6121, 22.0278,
4.8219

 12.6121, 22.0278,
4.8219


 104.1319, 32.2149,
15.4763

 5.9275, 26.2257,
4.1492


 27.6002, 25.1139,
7.3473

0.0000, INF, NaN

0.0000, NaN, NaN

 36.4340, 26.4724,
8.5360

0.0000, NaN, NaN

 46.0495, 27.6995,
9.7014

0.0000, NaN, NaN


 56.3877, 28.8051,
10.8552

0.0000, NaN, NaN

0.0000, NaN, NaN


 67.4013, 29.8001,
12.0053


0.0000, NaN, NaN


 79.0511, 30.6944,


0.0000, NaN, NaN


13.1567


 91.3041, 31.4968,
14.3128


 12.6121, 22.0278,
4.8219


 12.6121, 22.0278,
4.8219


 12.6120, 22.0276,
4.8226

 13.3358, 20.2324,
4.0952

 14.1005, 18.5540,
3.2674

 15.0941, 16.4525,
2.5507

 16.3098, 14.0437,
1.9870

 17.7218, 11.4688,
1.5828

■ 19.3032, 8.8306,
1.3286

■ 21.0296, 6.1941,
1.2076

■ 22.8799, 3.5950,
1.2008

■ 24.8364, 1.0500,
1.2904

Harmonies

Analogous

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



12.6125, 22.5819, -3.8652



12.6121, 22.0278, 4.8219



12.6125, 14.3717, 8.8287

Triad

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



12.6125, 22.0263, 4.8222



12.6125, -11.5230, 8.8287



12.6125, -4.5144, -30.8028

Complementary

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



12.6121, 22.0278, 4.8219



23.3341, -15.7877, 4.9164

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.



12.6125, -10.8913, -19.8714



12.6121, 22.0278, 4.8219



12.6125, -14.5267, 3.9949

Square

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



12.6125, 22.0263, 4.8222



12.6125, -5.6084, 8.8287



12.6125, -14.2955, -5.5670



12.6125, 5.1602, -29.8765

Rectangle

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



12.6121, 22.0278, 4.8219



12.6125, 7.2802, 8.8287



12.6125, -14.2955, -5.5670



12.6125, -7.0427, -28.1789

Sweetspot

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



12.6125, 22.0263, 4.8222



27.4925, 8.5762, 1.6045



11.4856, 24.2099, -27.7944



13.8193, 4.8063, 0.8362



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.



12.6125, 22.0263, 4.8222



16.6115, 28.9374, 6.9379



13.8607, 16.6043, 8.8309



13.0751, 0.3735, 0.6816



17.0572, 29.7076, 7.1727



41.3567, 71.7034, 19.9122

Inverse Universe

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



12.6125, 22.0263, 4.8222



16.6115, 28.9374, 6.9379



19.2483, -6.8271, -9.3200



13.0751, 0.3735, 0.6816



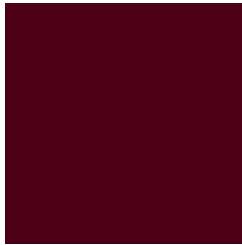
17.0572, 29.7076, 7.1727



41.3567, 71.7034, 19.9122

Previews

White Background



This preview shows how the HunterLab color 12.6121, 22.0278, 4.8219 looks on a white background.

Color Contrast Check

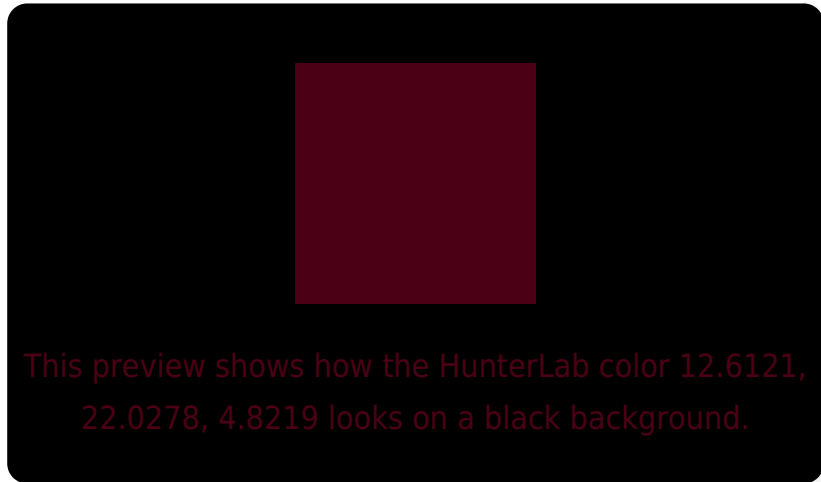
Large Text (above 18pt) WCAG AA ✓ Pass

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

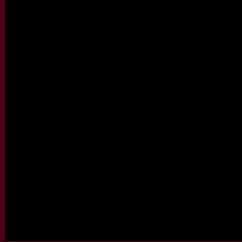
Any Text WCAG AA × Fail

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 12.6121, 22.0278, 4.8219 Background



This preview shows how black text looks on a background with the HunterLab color 12.6121, 22.0278, 4.8219.



This preview shows how white text looks on a background with the HunterLab color 12.6121, 22.0278,

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

12.6121, 22.0278, 4.8219

Protanopia

14.2175, -1.1859, 3.3341

Deuteranopia

14.1138, 0.3635, 6.4754



Tritanopia

13.2099, 18.9209, 7.6978

Trichromacy



Original Color

12.6121, 22.0278, 4.8219

Protanomaly

12.4846, 7.7018, 2.9035

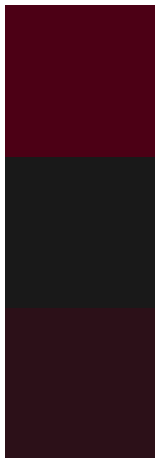
Deuteranomaly

12.6352, 8.6962, 5.2527

Tritanomaly

13.0035, 19.8804, 6.9172

Monochromacy



Original Color

12.6121, 22.0278, 4.8219

Achromatopsia

9.8596, -0.5261, 0.5357

Achromatomaly

9.8590, 7.8925, 1.0164

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.6121, 22.0278, 4.8219 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, 21)` looks like.

```
.text, #text, p{  
    color:rgb(76, 0, 21)  
}
```

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, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 0, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 12.6121, 22.0278, 4.8219 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, 21) }
```


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

```
.border{ border-color:rgb(76, 0, 21) }
```

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, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 0, 21); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 0, 21); box-shadow:4px  
4px 4px 4px rgb(76, 0, 21) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.6121, 22.0278, 4.8219 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, 21) }
```

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

```
.background{ background-color: rgb(76, 0,  
21) }
```

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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